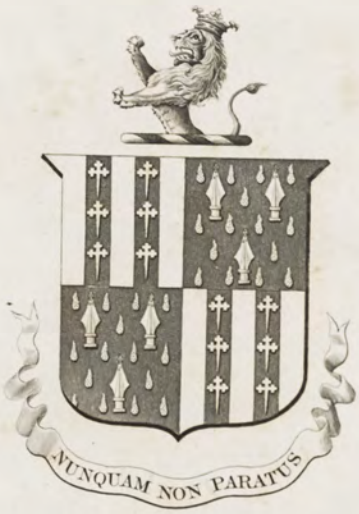
JOHN P. BETTON



Thos. Forrest Betton.

Practice of medicine

by

Benjamin Rush.

The Practice of Medicine

It is sometimes attended with faintness & a suspension of motion, weakness sometimes so great, as for the patient to be fatigued by the least motion, even speaking will tire him, again we see patients walking untill just before death, It generally terminates in a few days, but it is sometimes protracted for several months, It is then called Dysentiendla or chronic dysentery. Dissections show the following marks in dysentery 1st. no marks of disease this is noticed by Dr. Zimmerman, the bowels in this case were diseased, beyond, Inflammation, we may suppose death to have come on before Inflammation could have taken place. 2d Inflammation, 3d a membrane 4th pustules on the Intestines, 5 tubercles 6th gangrene, tho' this is rare, 7th the Inner membrane of the small Intestines abraded 8th diseased Liver 9th enlarged spleen, Dysentery submits to the laws of Epidemics & the remedies should be accommodated to the different forms, It is malignant, Inflammatory, Mild or typhoid & Intermittent, It prevails more in high than low situations, it appears in heights under which there is perfect

health, it affects country people more than those of the town, owing to the continued use of cordials by the latter, it alternates every year or two with the bilious or yellow fever, it changes in the same year and in the same person alternates every year or two sometimes begins as a dysentery & ends as a bilious fever, Dysentery sometimes prevails in one part of the city, while the bilious fever exist in another, both requiring the same treatment, It sometimes terminates in Ophtalmia Dr. Clanhson informs us that it sometimes ends in salivation. It is more fatal to children & old people than those of a middle age. It spares no age nor will any mode of life be exempt from it, It is more common among the blacks of the W Indies than the whites, If it occurs in the beginning of a rainy season it is more easily cured & vice versa, There is a disease in Peru in South America which is similar to dysentery is called Valnello or beho, it is cured by thursting a piece or a whole line up the rectum, this is mentioned by Barron Humboldt. are there remedies to prevent this disease, Yes, during its predisposition a gentle purge will prevent it, purges of salt water will have the same effect, I heard of a commander who carried his soldiers to salt water every morning & made them drink ½ a pint each this practice was an effectual preventive to the disease, when salt water cannot be obtained sulphat of soda may be

used Sulphur with equal propriety, the remedies should be suited to the state of the system & the prevailing epidemic, when the system is prostrated below the point of reaction in the first stage of the disease all depletions should be avoided, Vomits purges, &c. have frequently caused death in such cases the proper remedies are wine, bark, Laudanum, cordials, and cordial Injections.—

Inflamatory state of Dysentery.

Here we must again be regulated by the pulse pain &c. & is generally requisite, I have performed this operation from 1 to 20 times in a patient with success, this was when it preceded the Fever Dr. Cleghorn always used to bleed when it came on with chillness & with no discharge of bile. Purges are always proper & ought to be repeated often, Castor oil, Linseed oil, sweet oil, Crystals of tartar, & sulphur are proper. the domestic medecines are fresh churned butter, milk in large draughts, Sir John Pringle recommends Calomel & rhei, but they should never be used untill others fail, to assist clysters should be used, Vomits have been forbidden if there is much nausea, they are necessary Limes have been used salt water, sal soda alone cured our prisoners in tripoly, are sweats proper; Dr. Mosely speaks highly of them tho I think them injurious unless they be pointed out by nature, diluting drinks should be used.—

flaxseed tea, Gum arbic, rice water, arrow root water & perhaps the following prescription which varies but little from what I have told you before will be the most valuable in dysentery. Mutton suet with milk, hazle nuts, tallow & starch. Chalk salt of tartar tallow & starch, gum arbic & Laudanum should be injected. Blisters are proper to be applied, to the wrists or belly, the skin & bowels act on each other as antagonising muscles, I have heard of two cases of men who were cured of dysentery by being rubbed. Opiates should be given after the reduction of morbid excitement, if given before the pain is thereby increased, Opium should be given in small doses during the night & large during the night, towards the close of the disease it should run into an intermittent form, bark should be used if chronic a salivation, the last has now become common, the practice must be varied &c. in different years. Dr. mentions that during 60 years practice he never saw the dysentery alike in a successive year, here I will propose two remedies often successful in this disease 1st Lying on the belly 2d smoking tobacco, when it assumes a mild V. is seldom proper, but cordials should be used when pain becomes periodical bark & Laudanum should be used, Remember Gentlemen what I told you a little while back that dysentery like the yellow fever changes every

every year & that a change of the remedies are consequently necessary
& may cure this year & it may fail the next & purge takes its place —
the Spaniards on the mississipi river seldom recovered of a dysentery
while the americans are almost sure to recover, This is owing to the
influence of diet, as the spaniards had for their breakfast 4 pods
of pepper, one herring & a spoonful of sweet oil mixed, In cases of
great weakness the patient should not rise from his bed to evacu-
ate his fæces, a bed pan or old cloths should be used to receive them
in, the pain of tenesmus may be cured by an injection of Lau-
danum & sweet oil each a table spoonful, Equal parts of
sweet oil & Laudanum applied to the anus spread upon a piece
of tow is useful in tenesmus, it acts like a charm in easing the
pain, the Chronic dysentery is cured by a salivation riding on
horse back &c. Dysentery ends 1st. In health, 2d. In chronic diarrhe-
a 3d. In palsy 4th. In rheumatism 5th. In dropsy, 6th. In teta-
nus & tymphanum, the favourable symptoms are 1st. a discharge
of dead worms, 2d. suppression of urine, 3d. fæces ultimately mix-
ed with blood, which shows that some vessels or vessel are bro-
ken high up in the intestines, Hemorrages are more alarming
sunken countenance, restlessness hiccup &c. & a sweating voice
are all fatal symptoms, Is this disease contagious, Only by ex-
-ection, It is most certainly contagious from human mia

mita. I deny that the dysentery ever spreads in a way similar to that in which the small pox is disseminated, I shall conclude my account of this disease by two remarks 1st. that when left to itself it is generally fatal; 2d. that there is no disease so compleatly within the power of medicine.

Cholera Morbus.

This is a form of bilious fever, It is attended with a bilious discharge both upwards & downwards, it is also attended with cramp &c. it excited by summer fruits night of cold air &c. the remedies are to be suited to the reigning epidemic & the pulse & since the year 1793. I have bled children in this disease with great advantage, Opium in this state does harm, In a moderate state of the disease, cordials are serviceable, as warm toddy, peppermint tea &c. & warm embrocations on the abdomen, hot drinks &c. milk will stop the vomiting when other remedies fail.

Bilious Colic this is known 1st. by bilious fever being epidemic or preceeding it 2d. by being ushered in with a chilly fit this distinguishes it from Cholic, 3d. by a discharge of bile upwards & downwards 4th. by the pulse being more or less tense or active, It has occured in spasmodic cases in time of our yellow fever, the remedies are of purging & injections.

blisters, warm bath, if all these fail then by a salivation, this last unlocks the bowels as soon as the mouth is touched, thus Gentlemen have I finished our account of the summer & autumnal disease for the means of obviating the effects of miasma in producing those diseases I refer you to the 4th vol of my Inquiries.

We proceed next in order to treat of Pulmonary forms of fever, in which are included, Pulmonary, Catarrh, Influenza & Pulmonary consumption. & first off

Pneumonia Vera. In this the pain is not always confined to the side, it extends sometimes to the shoulders kidneys &c. 2d. we see the disease very acute sometimes without pain, 3d. without cough as in the Yellow fever, this is the worst state no cough sign of Inflammation of the pleura, In the most violent cases when the stomach & lungs are very much excited they are diseased below the point of reaction & sometimes below the point of sensibility & consequently a cough cannot be produced 4th. the pulse is often depressed, the system is then prostrated below the point of reaction, In this case the pulse is raised by V which indicates the necessity of depletion 5 a person once having pneumony is more subject to it afterwards this is by leaving the lungs in a weak state & cold air & fever always

always determines to a weak part, I attended a patient in the 3d attack, 6th it rarely occurs in countries uniformly cold or warm, In consequence of the uniform climate of Canada it is seldom there, Pneumony is a symptom of or is induced by gout, Influenza small pox, catarrh contusions of the breast Gun shot wounds &c. Measles, dysentery & diarrhoea suddenly checked repelled eruptions, suppressions of habitual sweat & menses, Malignant fever falling on the breast. &c the remedies are to be accommodated to the states of the system. Certain states of the system require the loss of 8 ℥ while others require from that to 140 oz Some authors say it is improper to bleed twice after the 4-5-9 or 11 day but they are mistaken to is necessary as long as the pulse indicates it from its tension or fullness, or as long as there is a fever, more to are necessary in contusions. I have taken upwards of 1000 oz of blood in two days & have bled 4 times in one day with the very best effects if not called sooner we may be called in its latter stage, I have bled after the 5th day with advantage the state of the system alone should influence us.

Bleeding on the affected side is preferable to the other, the bloodvessels being often more excited on one side than the other. The pulse will require bleeding even after an

Abscess is formed or broken, for which when properly man-
aged it may be considered as a cure, the 1st 2d & 3d bleed
ing will seldom be sizy 2d laxative medecines these are
especially necessary when the disease is accompanied with
bile, Calomel, neutral salts & antimony, blisters if applied
at a proper time suspend the cough often in one night
recollect the unity of the skin & that diseases of the bowels
are often cured by by blisters to the extremities, side breast
&c after the 2 or 3 day or cuppings are proper if the sys-
tem be previously reduced, the blisters may be applied in
violent cases before the system is reduced to the blistering
point, as the stimulating effects to the whole system is coun-
terbalanced by the depletion it creates, diluting drinks
with seneka & antimonial pills are proper, also Opium
in small doses at first after the system is reduced, as soon
as the cough comes on give demulcent drinks such as flax-
seed barley water, apple water &c raisons, barley, water
& a little nitre sweetened with honey is an excellent drink
Are Expectorants proper? Horse raddish tea, Oxymel of
squills are 2 good expectorants. No, provided V.S has been
sufficiently used, but when the arterial system comes to
sympathize with the Lungs also when V.S is not perform-ed

in due time & obstructions have taken place then expectorants may be used, emetics are proper, when there is much phlegm they have snatched many persons from the grave, cupping between the shoulders, even when expectorants have been used & would be proper to facilitate the discharge of matter or as Dr. Sydenham expresses himself, "to draw the cough by the veins" little blood coming from the lungs is unfavourable, a diarrhœa is unfavorable, dissolved blood on the 5 day is alarming on the 2d. not so much, when the pain is on the left side it is more dangerous but of a shorter duration, when the pain passes to the arm or back it is favourable but when it descends unfavourable. — the proper expectorants are squill gum ammoniac & volatile salts. when delirium occurs about the 5th day it is an alarming symtom, the tinct. cantharides with camphor so as to induce strangury has been given in the last stage of the disease with efficacy.

Pneumonia Notha, this is known by a previous increase of debility, it occurs in springs after sickly autumns & generally in old people, the lungs are suffocated or engorged & I have called this engorgement an Apoplexy of the lungs the pulse is soft weak and regular. this Pneu

monia nothing & very are sometimes blended together in this case the pulse is tense. It is common 1st to old debilitated people 2d to drunkards, 3d It is more common in the spring & in moist than dry climates & in south than north. 4th It comes on more frequently in the night 5th It attacks & fixes in one posture, I knew a Gent, in this City to be taken as he was sitting up on his chair in a leaning posture upon the palms of his hands & elbows from which situation he could not raise himself 6th without a cough 7th sweat on the breast and head 8th sometimes kills in a few hours like apoplexy of the brain (it is the apoplexy of the lungs) & sometimes not for days, I once attended a Gentleman in the third attack of this disease who died in 2 hours after the attack.—

Dr Gatzell says he knew it among the negroes of the W Indies, there lungs are to weak to resist to the state of Inflammation 9th it is a symtom of gout, Pulmonary consumption yellow fever & Influenza, Its cure consists in copious & prompt V.S 20 or 30 oz should be taken at a time from that to 100, In some cases one V.S will be sufficient, but here the pulse should be our guide, after V.S. blisters to the wrists breast side &c & sometimes Vol alkali.—

"the blisters should be applied to the shoulders arms

at the same time, & assisted by sinapism in great depression, Laudanum should be given in large doses after the vapours of hot water or the smoke of rosin received into the Lungs, they rouse the lungs from their torpor & prevent a second congestion taking place in them, hot water to the extremities, warm water poured up on hot Iron, & the vapour inhaled, I once had a patient with a violent attack of this disease, his respiration was very difficult, having no hot water nor time to wait, I immediately poured water upon an Iron under his head & mouth & suffered him to respire it, in a few minuets I asked him how he felt? his reply was that he was a million times better — we are not however to expect that these diseases are easily distinguished from each, for they are often blended together.

Bilious Pneumony

In this they are two morbid actions, one in the lungs & blood vessels & the other in the Alimentary canal, It is known by the redness of the eyes, sickness vomiting, black tongue a low pulse it often begins with a synocha & ends with a typhus & vice versa treacherous remissions or more properly prostrate paroxisms occur in this form of Pneumonia, the Synochus & typhus states in this form of Pneumonia are often so mixed & blended, that the indi-

cations of cure are with difficulty discovered, a mixed treatment partly stimulating & partly depleting are sometimes to be pursued, 2d. by prevailing in Epidemics of a bilious kind, 3d. by prevailing late in autumn & in springs months after the prevalence of the bilious fevers. there are two forms of this disease, the first with a Synocha pulse & the 2d. with a typhus or typhoid pulse, the remedies for the first are frequent & copious V of much more so than in Pneumonia Notha, there being too action to subdue instead of one 2d. after V the daily exhibition of purges with Calomel which should be assisted with Clysters 3d. Vomits if the system should be affected with bile 4th. blisters &c. For the 2nd. in which the system is prostrated below the point of reaction & a great difficulty of breathing quick breath &c. weakness sweating &c. & now and then a soap bubble tension in the pulse occur, the remedies are Emetics for free V cannot be used with advantage, gentle purges or clysters cupping after which stimulants as wine, bark, Laudanum hol salts, snake root, &c. should be used, I bled a student in this disease in consequence of which he was evidently worse, I then used cordials & cured him, I injured an other patient by V al'tho' his pulse was, active, I cured him by bark Laudanum &c.

Catarrh this arises from cold &c. It is an atmospheric disease & derived from the sensible qualities of the air

sudden changes from heat to cold & vice versa, from the operation of these vicissitudes it is most frequently in G. Britain & the U States it is hardly known in Russia, ——

2d It is induced from the application of cold to one part of the body. 3d by cold applied when there is sweat. ——

4th Cold when long applied tho' not intense. ——

5th It is induced by fear, distress & vexation, Cold when uniform when combined with moisture will not produce it, this is a singular fact hence it is rare in holland, Many of the catarrhs of our country are brought on by sitting in a warm room with a current of cold air passing thro' it, after it is formed it is occasionally contagious It affects the schneiderian membrane, bronchiæ, & pulmonary arteries when it affects the first it causes sneezing, when the bronchæ coughing & when the pulmonary arteries abscesses, It is most dangerous and obstinate in the summer, Children as well as adults are affected by catarrhs, the former in consequence of a more copious effusion in the vital parts & being less able to bear them, fall often victims to it.

Influenza. this is often the precursor of the yellow fever & often succeeds it, It affects brutes also savages, in which it differs from Catarrh from cold which never affects the last. the remedies for Catarrh & Influenza, divide them—

themselves into 2 kinds viz 1st those for the forming state & 2d those for the state when formed. the remedies for the forming state are Pediluvium, abstinence, apple water, vinegar & molasses, diluting drinks, when the disease is formed the remedies are V.S according to the state of the pulse from 1 to 20 ℥ if necessary, there are cases where not only a tense but a full soft pulse calls loudly for the lancet the V.S not only cures the disease but prevents Pulmonary consumption, A catarrh from cold should never be neglected, 2d purges when there is an excess of bile 3d emetics 4th demulcents drinks & lastly opiates, These diseases as being one of the causes of pulmonary consumption should not be neglected, they often prove fatal to old people & those of debilitated habits, what worse would be have than a cold, for death is nothing more than a very bad cold, In order to prevent these diseases flannel should be worn next the skin & the head, feet & neck should be kept warm, Cold Bath, exersise &c are good.

Pulmonary Consumption
or
Pneumonicula.

I shall here briefly sum up all I have to say upon pneumonicula in a few ~~days~~ words.

the remote causes of this disease, ast 1st primarily upon the lungs such as wounds, Catarrh, Pneumony, Measles Asthma. 2d secondarialy, such as fevers of all kinds Gout venereal disease &c. & 3d sympathetically as diseases of other parts of the body as
It is nothing more than a protracted or chronic pneumony as other chronic diseases. It is 1st always preceeded by debility. This debility pervades the whole system, this is proved from all the causes which induce it (refer to my inquiries) when the lungs are affected it is only in consequence of general debility from Cough pain, watchfulness & expectoration, this I infer from first. The Lungs being a hardy viscus not producing consumption even when perforated by a ball or any other local injuries 2d those subject to the consumption are of a debilitated habit or a sedentary do &c. 3d Infer debility from the symtoms appearing first in the whole system, such as wakefulness head ache, diarrhoea, cold feet, weak appetite, burning in the hands &c. & these symtoms continue years sometimes without a cough 4th from attending its alternating with diseases of the whole system, as Rheumatism mania, &c. which are diseases of the system, this disease exist in the blood reveals the effects of it are 1st It excites a cough, a cough must bring on general debility before it

Induces consumption, not from any violence done to the lungs—
2d. Hæmoptysis without cough, this last is a favourable symptom
in the early stage, the blood is discharged without a tubercle
which shews a general disease, the lungs are affected in conse-
quence of fever. this fever produces an abscess (if there is no dis
charge from the bloodvessels) in the bronchiæ & forms tubercles
there are few cases in which Hydatids & calculi are formed
sometimes there is no tubercle formed & only a defluction,
why do the blood vessels empty themselves into the lungs?
Because of the laxity of their texture disposing them to receive
morbid action, & their continued exposure to cold & there
being kept in a state of predisposed debility by talking &c.
Sometimes the fever falls upon the trachea producing hemor-
rhagy catarrh &c. in this case I call it tracheal consump
-tion which is known by a constant cough & blash colour
-ed expectorations, the cough is much more constant & the
defluxion of mucus black, some persons sometimes have
this defluction for 20, 40, & even 60 years without falling
into a consumption, Here the debility is partial & con-
sumption cannot be produced without general debility
this I consider as a true theory, It is only in consump
-tion that the effects have been mistaken for the cause

but in other diseases, we do not ascribe the water in the head to hydrocephalus, water in the brain & membranes in the trachea have been erroneously supposed to be the causes of Hydrocephalus & Cynanche trachealis, It is high time, Gentlemen to harnes the horses before the chariot of medicine instead of behind, it is time to ascribe effects to causes & not causes to effect, the Earth in our science has stood sufficiently silent for a long time, The Pulmonary consumption has assumed an intermediate form between it & Pneumonia, in this case it sometimes kills for in 6 weeks & is then called the galloping consumption, but it more frequently continues 9 12 & 15 months It generally attacks under the age of 36 from that to 40 & 45 & rarely at 60, children are not subject to it, Black & red haired people are more subject to it, also such as have irritable habits & vibratile blood vessels, the predisposition to consumption is hereditary but often a family disease & often exist in whole families even where no hereditary predisposition exist Dr. Craig has lost 5 children & him & his wife are exempt In the town of salem 1/3 that 1/3 of all that died in 12 months died of a consumption, those who have had the Intermittent fever are more predisposed to it than others, Moist & variable climates & countries predispose to it, especially

near the sea, shore where many more of the Inhabitants die — the month of march in our climate is more fatal to consumptive patients from the variable temperature generally prevalent at that time. Diseases near the sea shore or in moist climates require the lancet much more than those inland or dry countries. Moisture is not alone sufficient to induce it This I infer from its being scarcely known in holland &c. cold or very hot climates never produce but they are unfavourable to it when formed, few have recoved who have went from Philadelphia to the W. Indies in this disease, Dr. Blane says a temperature from 30 or 40 is best for consumptive patient authors divide it into the Inflammatory Hectic, & typhus states, I have seen it in all its states even untill it preceded death, 1st without a chill, 2d without a fever chill or night sweats, 3d without cough, I have seen two fatal cases of this the one complained of pain in his side & inability to speak from pain only & the other in the head, It seems unnecessary to produce fever that the air may have ex cess to the lungs, ——

11th Pulmonary consumption has been said to be contagious from sleeping &c. with persons affected with it, It may be So is from inhaling the breath of those who have it. —

The following appearances shew themselves on dissection —
1st No appearance of disease at all. from the effusions of the bronchia being discharged in mucus, 2d sympathetic concretions, as in the trachea in Cynanche trachealis, 3d tubercles formed suddenly as in other parts of the body, 4th one or more superficial ulcers 5th Pus in the cavity of the thorax. 6th water in the lungs 7th Abscesses 8th chalky, siliceous & granelly concretions, 9th Ossifications of the arteries of the lungs 10th certain substances being inhaled have been found there after death, 11th preternatural weight, tightness, hardness & lastly but one lobe have been found, besides these appearances the liver, heart, stomach & arteries have been found diseased, a cough often continues for years with a spitting of blood, where no fever is it does not harm, the

the remedies for it are of two kinds, 1st those for the forming state, & those for the disease when formed, the symptoms in the forming state is a weakness in the heart, a weak frequent & sometimes a tense pulse, other premonitory symptoms are a sense of fulness in the breast, difficulty in breathing, transient pain in the breast, &c. I have seen these causes continue sometimes for months without inducing it - For the forming state & and no regard is to be paid to the apparent weakness of the patient, women who suckle children should stop immediately

2d. tonics such as bark, steel wine & with tonic diet & salt meat
3d. exercise such as riding on horse back, or in a carriage, 4 Cold
bath, 5th. avoiding all exciting causes, by observing the premonito
ry symtoms I have prevented many hundred consumptions,
when formed it is attended with synocha synochoid & some
times typhus pulse, the remedies here are such as are suited to
the system, changes of the pulse &c. I have heard of the pulse
to run to run thro' the different states of the pulse in this
diseases in as short time, I have known an active pulse & sizy
y blood just before death, If if be synochus or synochula
bf is necessary it shoud be small & frequent it has been
performed 156 times with success, 2d. a begitable diet with
salted meat or fish, Milk is generally improper in this dis
ease unless diluted, not more than a pint of liquid diet shd
be taken in a day in this disease, 3th. Nitre every day this
acts by transferring action from the blood vessels to the bow
-els 4th. blisters to the side & wrists, I would however prefer
them to the back, if to the arms they shoud be kept up high
on the joints, especially if it arises from secondary causes as
from gout & Rheumatism, 5th. Emetics, spitting of blood
does not forbid their use, after the system is reduced
they are more particularly usefull when they proceed

from cold &c. 6th a Salivation, it acts by a revulsive power & by destroying obstructions particularly in the spleen, it is our only & most radical cure 9/10 of those that were salivated in recent cases recovered, This remedy in this stage is generally a radical one, In spitting of blood it should not be forbidden but should rather be thought a symptom urging its exhibition. In the second stage 2 in 3 & in the 3d & last 1 in 10 who were salivated were radically cured. Blisters & mercury with antimonial powders are frequently used, It is to be regretted that mercury fails so often in producing a salivation, it fails oftener than it succeeds, In the hectic state salivation promises more good than in the typhus state, but it still promises more good in the typhoid state of the pulse, In the typhus state opium sometimes cures, perhaps when it does, it acts by its revulsive action on the brain, Mania being induced has cured it, garlic, tar pills, tea, cordials & the most nurishing diet, I will remark here that 1st the Cordials should be used only in the typhus & consequently the last stage of this disease, 2d when they render the pulse slower & fuller 3d They should be taken all day and all night 4th that the animal food is better than the bark. When the acute forms are reduced, travelling swinging &c are prop-

In travelling regard must be paid to the Vehicle, beginning with a carriage & then on horse back, also the climate & country, the sea shore should be avoided. Issues as curing the consumption, these may frequently do good, but I have known only one case completely cured by them, I prefer the perpetual blister from them, Digitalis, this is said to lower the pulse and consequently to increase absorption, I must however observe here that I have only seen one instance in which this was of service, I believe more good may be done by it in the south than in Pennsylvania, it effects are somewhat similar to Opium, it is given in a tense pulse, in this case its operation is slow & consequently of being of a more powerful nature is vastly preferable, 2d. eating plenty of sweat grapes has cured consumption, 3d. I once saw a cure from maliga grapes 4th. large draughts of the juice of Cane, apple &c. 5th. fumigations by burning resinous substances, burning, Narcotic substances as hemlock, henbane &c. & receiving the fumes into the lungs have said to have been of service, 6th. by breathing reduced air Dr. Priestlys daughter was cured of a consumption by the breathing the air of a same room in which a cow lived Dr. Beddoes says this was not from reduced

air, but from the equal temperature kept up by the sow. 7th frictions have been used. they are more useful when combined with some stimulating substance, the sympathy between the lungs & skin is of an inverse nature. consequently clothing should be warm & particularly to the extremities, In proportion as debility is prevalent throughout the system, so will be the increase of excitability of the lungs 8th Stone rooms are spoken highly of. I have once cured with this the heat should be from 70 to 80. 9th the hardships of a camp & country life have frequently cured it, the causes of consumption should always be had in view. If for example Rheumatism or Gout have produced it they should be brought back, applying for instance blisters to the toes for bringing back the Gout, Venery should be strictly forbidden, for the lungs & the venereal organs sympathize with each other, Letting in a current of air & talking should be forbidden, all the exciting causes should be avoided, I have known a cough suspended for 5 days by silence & return upon talking. The troublesome symptoms to be relieved are 1st Cough this must be relieved by the medecines mentioned under catarrh, as opium, &c. 2d Pain in the side by V.S. & salivation, 3d night sweats, these originate in great debility which favors easy excitement to morbid action, the remedies are sleeping in flannel & on a mattrass frictions with Vol. alkali; Lime water &c.

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4th. Swelled legs, these should be rubbed upwards, & in the morning only, also by blisters & punctures on the ankles, 5th. difficulty of breathing by ℞ vol alkali, 6th. Diarrhoea, by testaceous powders — Laudanum &c. they seldom check it but relieve pain, Death is produced in the following ways in Consumption, 1st. by sudden rupture of an abscess & a consequent suffocation, 2d. by sudden rupture of one or more blood vessels 3d. by a translation of the disease to the brain producing mania, 4th. by Pneumonia vera supervening or Pneumonia Notha, this often occurs in those habits disposed to colds or Pneumony 5th. in a sore throat, 6th. swelled legs or thighs 7th. Swelled face, 8th. Inguent pains of spasm of the limbs, this is an effort of nature to throw off the disease, but it is to late, and induces the most violent & miserable deaths, 9th. Diarrhoea & nights sweats, —

The Signs of Life and death are —

1st. those who have a predisposition to this disease from ancestors are difficulty cured, 2d. of the longest duration when originating from this disease, 3d. Gout is unfavourable when translated to the lungs 3d. Cold feet, obstinately so, or constantly so, we should keep them warm, 5 when calculi are expectorated the patient will seldom recover, 6 a cessation of cough without a supervening diarrhoea, is unfavourable. —

& seldom few recover, but when the expectoration is greenish or well con-
-coded the patient may probable recover, 7th Eyes becomming lighter
than natural unfavourable, 8th Face & the hair falling of is unfavor
-able, a swelled face likewise so, a spitting of mucus in the begining
unfavourable, 9th a spitting of blood favourable in the begining,
but fatal in the last stage of the disease, 10 Rheumatic pains, without
cough or less than usual is unfavourable, 11 Constant vomiting
in the morning fatal,

The Prophilactics, are 1st warm dresses
flannels &c. 2d Vs occasionally, 3 Bark taken in the interval of
morbid excitement and pain & when there appears to be no need
of its use, 4th Journeys, change of climate & removing from situations
exposed to the sea, I shall now speak of cough it being a species
of consumption, —— Cough, this differs from cough Catarrh
in not having febrile action, It will often continue throughout the
whole course of life, It is the local & primary one of which I speak
It is of the utmost importance to distinguish the local from that
which arises from general disease, This cough goes on sometimes
so as to induce general debility & consequently reaction & consump
-tion & death, this shews the necessity of curing it whenever it oc-
-curs, I have divided cough into, Pulmonary & tracheal, the first
is short & hectic produced by indirect as well as direct causes

& comes on suddenly, the remedies are to be directed by the pulse & state of the system, while the pulse is full & is proper, 2d. abstraction of diet 3d. emetics 4th. long riding walking & standing in the open air, 5th. frequent & small draughts of cold water, I have cured it in myself by rising from bed & standing with my back against a cold wall the following remedies are sometimes efficacious, mallow, Bran & flaxseed tea, liquorice mixture in the day a Laudanum & night sleep must be had & silence is good, Sweet oil & lime juice aa parts, a table spoonfull two or three times a day, Hypop hoarhound elecampane, lungwort each a handfull boiled with sugar to an extract, I have found it to be an excellent remedy, White sugar wetted in spirits & suffered to dissolve upon the root of the tongue & Pepper mint, lozenges, Burgundy pitch plaister applied between the shoulders, syrup garlic or onions, mustard & horse raddish rennet tea, spermaceti, tea spoonful in Sugar, tar pills from 5 to 10 gr. 3 times a day, Oil of amber from 10 to 15 drops 3 times a day, fever has cured it, keeping the feet warm to much cannot be said of this last remedy, tincture of Asafoetida, smoke of wax resins and the like, bathing the feet in cold water in the morning & lastly a salivation. this local cough is to be distinguished from Consumption by its being more sonorous, less hollow, & accompanied with less expectoration than the former. ——

we come next to the eruptive state of fever in which are includ-ed the Small pox, Measles, Erysipelas, Miliary fever Chicken pox & Sphemphigus & first of the small pox —

Small pox it exist in all seasons of the year, states of the air &c. it has been computed that $\frac{1}{6}$ of the human race died of the small pox when taken in the natural way, Let all military persons celebrate the name of Cæsar, but let us never forget the name of Dr. Jenner whose fame once not extended beyond the village. he it was who gave us the kine pox, which is attend-ed with the following advantages, 1st. it requires no preparation of the system for its innoculation, 2d. it may be used indiscri-minately in all seasons, It cannot be communicated when the thermometer is at 90, nor during the Warm matter winds in the east indies, 3d. It is mild, 4th. beauty is not in the least in-jured by it 5th. it is not contagious, 6 it carries of chronic dis-eases 7th. it is never mortal unless attended with other disea-ses, the following precautions should be attended to, 1st. never take the matter for vaccination till after the ninth day 2d. use a sharp lancet & make as small a puncture as possi-ble so that little blood may follow, the water should be suffered to evaporate before the matter is used or put up Limpid matter & not purulent should be used. —

the activity of the matter, is sometimes increased by first rubbing the arm before inserting it 3d. when a scab is used it should be the first that is formed about the 6 or 9th day, It has been lately ascertained that a scab will keep the infection for one or two years, It is no objection that the small pox be inserted into the arm after it, when the vaccine & variolous matter is taken twice it arises from 2 causes 1st. an Epidemic variolous disease prevailing so as to affect the atmosphere 2d. the matter being of a more stimulating kind than that to which they were exposed. — This happens as often from inoculation for the small pox — Here a tribute of respect is due to the Cow, after she has furnished us with meat itself &c. she again adds to her services by expelling from mankind the small pox —

"Let Farmers & Planters venerate the Cough
"And all the human race venerate the Cow

MEASLES, this state of fever is raised by the atmosphere the pulse is sometimes Synocha, Synochula & synochoid; Seven typhus & typhoid, for a full account of the measles, I refer you to my inquiries, I have never seen a case of putrid measles, I will here make a few general observations, 1st. Dr. Willing says he has seen it taken twice, here he must have mistook the spurious & true & he has seen, several true eruptions

It is often attended with cough & diarrhoea, these are to be cured by the ordinary means, No satisfactory reasons have ever been advanced why this disease never affects but once.

Erysipelatic State of Fever.

This attacks both adults & children, but more frequently the latter, It is brought on by poisonous substances, It affects the face, breast limbs &c. death is brought on by mortification, Persons once affected with it are apt to have it again, The remedies are Vs. Purges, blisters to the inflammed parts cool air &c. when the pulse is typhus or mortification has begun administer, bark, Opium, avoid oily & saturine applications. Flour sprinkled on the parts or places of eruption is much the best, this disease is sometimes the precursor of the military fever.

Military Fever.— this is an artificial disease produced by hot regimen &c.

Chicken Pox., This is accompanied by little or no previous fever has few eruptions, scarcely more than 200 & those upon the back, it is however of consequence that we should attend to it for it has been mistaken for measles pox, the number of pox are small compared with what usually appears in small pox, they appear thicker on the back than anywhere else — In chicken pox the pocks dry up much sooner than in —

small pox & all the symtoms are milder, the remedies are a gentle purge low diet & if the pulse indicate moderate V.S. ——

Empihiques, this is a rare state of fever, we now & then meet with it as a symtom of yellow fever, the remedies must be suited to the state of the disease, which you will easily know by adverting to the thirteen primary forms of fever. ——

We come next to the angina states of fever, in which are included Cynanche Trachealis or what is called croup or Wives, the scarlet fever, sore throat, the malignant sore throat & the different forms of simple Inflammatory sore throat & first of Angina Parotidea or mumps. ——

this is a swelling of the parotid glands, the swelling is sometimes translated to the testicles in men & the breasts in women & sometimes from the testicles to the brain where it generally proves fatal, It sometimes destroys the testicles by withering them away, this is prevented by applying a blister to the jaws when it first comes on & to the testicles, to prevent its affecting the brain when far advanced. —— ——

Angina Pharyngea. this affects the pharynx, & impedes deglutition & is the Inflammatory sore throat, the remedies for it in its forming state are washing the throat with brandy & water & keeping it clean

hartshorn Oil internally - When formed the remedies are Ol purges vomits low diet &c. ——

Angina Tonsillaris, this affects principally the tonsils & is what is called the ulcerous sore throat, In its state gentle purges &c. purges are sufficient when formed the tonsils should be punctured, I formerly bled in this disease, but do not know unless there is danger of suffocation, the loss of a few drops by puncturing the tonsils is better than general Bleeding — the Prophilactics are avoiding cold feet, keeping wool in the ears &c. It is said to be connected with Liver complaints when it is it should be cured by the remedies here after to be mentioned for them. ——

Cynanche Trachealis, For a description of this I refer you to my Inquiries, I shall only deliver a few facts. —— 1st it attacks children chiefly & sometimes rarely attacks ~~children~~ adults, ——

2d It is generally induced by the sensible qualities of the cold air, like Pneumony &c. 3d It is sometimes a symtom of small pox measles Y Fever, Rheumatism &c. Dr had the rheumatism translated to the throat & cataplasms brought (it) to the (back) throat which saved him, 4th It is situated in the trachea where it produces spasms & convulsions. ——

the appearances of them dissections are 1st. No sign of disease in conse-
-quence of morbid excitement being so great as to transcend Inflam-
-mation 2d. Inflammation in the trachea 3d. Matter said to
be mucus is said and really it is liquid 4th. a Membrane formed
from the coagulating lymph by Inflammation 5th. small ulcers
of the throat trachea, From its analogy to Inflammation of the
Plewra & lungs it may be called tracheal & Pleurisy —
Dr. Darwin called it Pleurisy of the trachea, it has been cal-
led trachitis, It is a family disease ——————

the remedies are 1st. Vs prompt & copious & often repeated, the
more so because the throat is so far out of circulation, Dr. Physick
once bled a child 4 months old 4 times with success, 2d. active
Emetics, recollect here the sympathy between the trachea & sto-
mach & the Physiological fact that children will bear strong
-er pukes & oftener repeated than adults, 3 purges of Calomel
& Jalap, Dr. Physick gave 1/2 dram of Calomel to the same child
if it shou'd not yield repeat the calomel, it creates a new
action in the bowels & stomach & seldom affects the teeth
Seneka is highly recommended in this disease it does good
when it nauseates, I object to it because Calomel is prefera
-ble, Blisters or Cataplisms applied to the throat, pediluvium — In the decline of the disease Opium ——

It is more fatal when it succeeds other diseases & the danger greater when it is attended with a constant stertorous breathing. Eruptions are generally favourable, I will conclude this with remarking that this disease was formerly in its highest grade universally fatal & is seldom now saw in any part of the United states, to the lancet aided & regulated by the principals of the unity of disease we are to ascribe the compleat triumph over this formidable disease ——

Angina Suffocativa, the symtoms of this are the same as in the Malignant sore throat throat, the swelling extends down the bronchio & trachea & the patient dies of suffocation, a spontaneous salivation often releives the disease, the remedies for it in its forming state are the same as in the angina scarlatina angina, the remedies when formed are ℞ vomits, turbith mineral, preferable, sweats fumigations, blisters behind the ears, purges mercury &c. I once cured a student with snuff, he was apparently struggling with death, but he frequently sneezed & discharged a quantity of mucus & pus from his nose & in 3 or 4 hours was able to set up in bed, the prophilactics are the same as for the Angina Suffocativa ——

Angina Scarlatina, or scarlet fever sore throat
This is of less Morbid action than the M. S. T & less mortal
It is generally attended with ulcers & sloughs, Sydenham
says he saw but one case without sore throat or ulcers —
In one case which I saw the skin could be pulled off from
the hands like an inflated glove, It sometimes kills in 6
hours tho' many hundreds recover without an alarming sym-
-tom It exist in the degree of morbid action from a flea bite
to the Plague Dr. Willing say that he has seen it termin-
ate fatally in Phrenitis & mania, Dr. Heberdon says that
delirium is a favourable symtom, the heat of the body is
greater in this disease than in any other frequently as high
as 190, It can be taken more than once and is contagious
from excrements & excretions only, the remedies in the
forming state are the same as for the next disease in its
forming state, when formed 1st if the pulse be strong &
weak tense, 2d. Vomits which may be repeated, 3d. Purges
4th. Cold applications to the anus & legs, 5th. Salivation
6th. Blisters, fumigations when the symtoms are malig-
nant or the sore throat, Bark wine & Laud in the last
stage, Pain & swelled limbs are favourable, I have
seen it terminate in swellings of the neck. —

& ulcerations of the submaxillary Glands, A yellow skin is a fatal symptom, It was an atmospherical disease when it became Epidemic When Emetics do not operate it is an unfavorable symptom

Malignant Sore throat, This generally precedes the plague, it is frequently very fatal, It is attended with bilious discharges, It has been said to be contagious but this is a mistake, for it is not so except in the manner to be mentioned hereafter It affects Girls more than boys & women more than Men & weakly persons more than robust, In favor of its being contagious it has been said that it could be taken but once, now & then it appears in the form of synocha, It is contagious only by an excretion of acrid matter breath, &c & kills upon the 3d. 5th. & 7th days are the days in which the Malignant fever terminates the life of Man, the remedies in its forming state is thus know by a Synochus pulse, stiff neck & the pneumonitory forms of fever, Emetics especially in its forming state, especially tarpitth mineral which never fails to strangle the disease in its forming state, When the disease is formed, 1st. V.S is proper if the pulse be active or tense, 2d. Vomits of tarpitth mineral which must be continued untill be reduced to typhus, 3d. gentle purges strongs ones are very improper, because the intestines are now very irritable - they are particularly hurtful

after the 1st day, 4th Bark afterwards with wine Laudanum & Mercury, How shall we account for bark & other stimulants their effects in this disease? Because it is a centrifugal disease & also of very weak morbid action, Blisters to the neck sweating &c. Fumigations of myrrh in vinegar, stimulating gargles, taking care to wash away all the filth & sloughs formed, the following formula I have found to be of great efficacy ℞ Cayenne pepper powdered 3 teaspoonful, common salt 2 teaspoonful boiling water ℥viii boil them let it cool & then add vinegar ℥viii, a table spoonful to be taken every half hour by an adult, a deafness generally follows this disease, the skin & nails come off, the greater the swelling the less danger. A spontaneous sweating is always an favourable symtom, the Prophilactics are a low diet, gentle purges mercury and avoiding all exciting causes, are all there 3 last forms of sore throat the effects of different remote causes? I formerly believed they were, but I now believe they depend on one.

We now come to speak of the arthritic state of fever & first of Rheumatism, It may be brought on by debility from cold &c. the pain excited in the ends of the fingers by cold is a temporary rheumatism, Rheumatism of the most Inflammatory kind occurs in Summer

it is increased near the sea shore, It alternates with Gout, Consumption & mania, It appears with scorbutic eruptions, It affects the joints & murders & sometimes the bowels & lungs & eyes, Rheumatism is divided into acute & chronic, in both there is morbid excitement, There is rarely Inflammation in Rheumatism, it is not the effects of effused Blood but serum only, In the acute the pulse is Synocha & in the chronic synochula. In the acute the remedies are V. S. copious both general & local. In the first stage it may be cured with local V. S. only, but when the system begins to sympathize this will be ineffectual, consequently other remedies must be used as Purges, neutral salts low diet Blisters to the parts affected antimonial powder &c. Dovers powder from 10 to 20 grs. at bed time has generally been preferred, it is not necessary to wait till all action of the Gout Mind or tension of the pulse be reduced to give Dovers powder, Opium is an active medicine in it ——

Certain palliative local remedies in the chronic state as cabbage leaves, Molasses, rubbing the place with mercurial ointment frictions cool air, What would be the effects of cool air or ice in this disease, We must first speak from analogy of the Horse (foundered) In this case the horse is truly rheumatic the founder in the Horse, is nothing more than an Inflam-

notory rheumatism in the legs & back, the causes of it are either violent exercise bringing on the debility or heating him & then suffering him to cool suddenly or eating too much as they may all be combined to produce it, the feet from exercise & being remote from the violence of circulation are predisposed to receive the disease, the issue in the founder of a horse shews that it is a Rheumatic complaint, the remedies are to lead the horse into a marsh creek or any other cold place. again we see cold water cure the pain from cold fingers in children Ask then wigth be the effect of cold water or Ice in this disease?

Rheumaticula or chronic Rheumatism In this the patient can sit up & walk about the pulse is tense & small, the remedies are 1st it shond be general & local, gentle purges low diet, blisters & lastly salivation, I have cured this when Gum Guiaccum failed, the limbs shond be exercised as soon as possible, also in the next form Wyguest has recommended bark but I have taken no notice of this, for if we were to judge of its effects from other stimulants we shond judge it improper, both of the above forms of rheumatism may be avoided by shunning cold & habitual use of sulphur &c

Rheumatalgia This arises from a half cured Rheumatism or worn out irritability, It is often attended with lame-

-ness of all the limbs seldom attended with fever, the remedies are Inter-
-nal & external the last are the warm vapour & perhaps the sand bath
Heat has different effects according to the medium at which it is ap-
-plied, the vapour bath, shoud be applied especially when the rest
have failed, when the system is roused from its torpid state the cold
bath may succeed the hot, Frictions by the hand, flesh brush, Vol-
-tinel Gum Guiac, Cayenne pepper ℥ i to the ℔ i of spirits —
the Internal remedies are tinct Guiac, phitolac, mustard &
vinegar cyder in which a red hot Iron has been cool'd, salivation
which is however to hard to be effected & a change of climate from
a colder to a warmer, When abscesses are formed I have seen but few
-cures & never saw but one when hectic fever come on —
this sometimes produces Abscesses in the joints, called by D Cullen
Arthro ponies, In these cases never prescribe without feeling the
-pulse for by the exhibition of tonics in Rheumatalgia it may sud
-denly change to Rheumaticula, & then to the more Inflamma
-tory Rheumatism, In all these forms of rheumatism, I will ob-
serve that patient shoud use their medecines & use exercise
as much as possible when morbid excitement is reduced, there
are two facts in favour of exercise in this last 1 —

2 I have now to add that you are not always to
expect the to find these forms of rheumatism, succeed each

succeed each other regularly the one often precedes the other & they often blend their symptoms.

Gout For a full account of this I refer you to my Inquiries

Tic Doloreux. This is connected with gout & rheumatism, I have called it Aura Arthritica It affects not only not only the cheek bones but the orbits of the eyes nose tongue, lips & legs, It has intervals of pain, It is excited by eating drinking & it has intervals of pain, even by speaking, it sometimes last for 20 years, it is worse in the night than in the days, the pain generally last from ½ to a whole minute, I have heard of its ending in Mania & apoplexy, All the cases that I have seen occured in persons under 20 years of age, In Gouty people it has been cured by a return of gout to the feet, tic doloreux sometimes disapears for months & longer - attended with a tic, sometimes the part is so exquisite that the least noise makes it worse, the parts when examined shew no marks of disease, 1st when it affects gouty people it is cured by the same means which cures Gout, 2 many cases have been observed at once and then not for many years so that it has been considered an Epidemic & produced by the atmosphere, from these observations - It is one of the Six forms of disease. the pain is acute but not more so than

more so than in other disease, There are grades of pain this may be the first, The head it seems exists the highest tone of pain, Remedies for it, It has been rarely cured, but it is not, cannot be incurable, time will will insure us a remedy, 1st Blisters Cautiers, electricity extract of cicuta, salivation & mora —

Those which have relieved are Opium Stramonium, Belladona, Opium has done more good when combined with nitre — Playing whist has relieved it? 6th the application of the magnet, destroying the nerve? Dr. Sibold saw a partial cure by the discharge of an abscess from the shoulder, 9th time has worn it down, What would be the effects of a drain from the head? gentle pleasurable sensations, as gentle frictions, Glysters? What would be the effects of applying Blisters to the feet, when we consid how many diseases make their attack through the medium of the feet, it is surprizing we have never paid more attention in expelling them through the same medium, We come next to the, Cephalic state of fever, under which are included the Phrenitic, Maniacal Lethargic, apoplectic state of fever & Paralectic states of Fever ——

1st of Phrenitic

For an account of this see boerhave & Cullen, It attacks the brain, It and the maniacal state of fever, depend up —

in which the mind renders & consequently affects the Intellectual faculties, they affect the brain partially, whereas the apoplectic state the whole partially & the paralytic a part only all these states have morbid excitement for their cause, the phrenitic state of fever is produced 1st by causes acting directly upon the brain as Insolation Percussion &c. 2d by causes acting upon it thro' the medium of the ~~brain~~ other parts of the body, as Plague & Fever Pneumonia Angina Cholic, Hemorrhoids — 3d From translation of morbid excitement in all its forms to the brain, It sometimes succeeds suppression of urine the pulse is sometimes of Synocha, Synochula, Synochoid, Typhus & even typhoid & according to Jno Hunter sometimes perfectly natural, here the indications are to be drawn from the suffusion of countenance &c. there is an Intolerance of light & sound great morbid excitement in the muscles & consequently great strength & delirium, the phrenitic state of delirium is known from Mania, by the diseased perceptions of delirium being uniform, 2d delirium is known by incoherent actions in Mania & in delirium incoherent conversation, 3d In delirium the fever is more constant & obvious & diffused through out the whole body, it is shown in the pulse, ~~the suffocated in Mania~~ Excitm. In mania, excitement is suffocated in the brain & in de-

In delirium the strength of the muscles are gone, they are not specifically different from each other, but different grades of the same disease, 4th delirious people rarely remember what they say or do, while in Mania they remember what they say or do, 5th delirium when symptomatic has rational intervals 6th In delirium the subjects are numerous & general but not so in Mania for they are confined to one subject, appearances upon dissection, 1st No appearances of disease, 2d Marks of inflammation 3 suppuration 4th Gangrene of some of the membranes of of the brain 5th effusions of water in the ventricles 6th adhesions of the membranes.—

the remedies when there is great morbid action are 1st V. which is to be particularly more copious when the disease is produced by contusion, also cupping & arteriotomy especially in the temporal artery 2d Purges & Blisters, dont use blisters till the disease is loosened & always first to the ankles & wrists, they either dont act at all from excess of excitement, or do harm, by causing a collection of blood in the head, if they are used before 4th Cold water or Ice kept constantly to the head, elevating the head silence darkness & wakefulness should be used, If from a suppression of Urine it should be drawn off. If from piles they should be reduced, when from repelled eruptions they should be invited to the skin, Opium should be carefully avoided

Salivation when it arises from contusion is more especially useful when it arises from the Typhoid treat it as in those fevers with Opium

Maniacal state of fever, increasing when they increase & declining when they decline, this attends all the forms of fever, sometimes it attends the last stage of typhus, autumnal fevers have several times appeared with symptomatic madness, the remedies should be the same as for the fever in which it occurs —

Lethargic state of fever, this is attended with coma &c the remedies should be regulated according to the system & pulse

Apoplectic state of fever, this occurs in Plague, In tertians the remedies are to be suited to the state of the brain & system when the system reacts by blisters purges, Clysters so that they may act by their quantity, stimulating cataplasms to the feet head and neck cold applications & salivation, when there is no reaction, Opium, Ether, wine &c when intermissions take place Bark should be given, when it assumes the typhus or typhoid form, the remedies should be as for these states of fever

Paralitic state of fever, this is less common than the former, It occurs in Hemiplegia &c & generally affects one side, sometimes in the form of Paraplegia with suppression of urine, it is produced by cold sleeping upon damp ground &c Remember I am not speaking of Palsy

Hydrocephalic or Phrenicula, this is either Idropathic or Symptomatic, It is Idropathic when it comes from contusions, blows or falls upon the feet, It is symptomatic when it arises from all kinds of fever but especially from those of a Remittent & Intermittent form, or when it comes from consumption Worms &c. The worms may be expelled but the disease continues from a wrong action, therefore the removal of the cause is not sufficient for the cure of the disease, the symptoms are as soon as all these cases as soon as there is water in the brain, the pulse full & tense, becomes very quick is the immediate forerunner of death, that the disease is simple morbid excitement in the brain, Infer 1st. from its usual causes, 2d. from its symptoms, 3d. from the consequences of Inflammation bringing on fever & the formation or effusion of water 4th. from the remedies to cure it by cold purges &c. It is sometimes chronic & sometimes very acute, It is produced by a retention of meconium, coagulating lymph in the stomach Eruptions Opium &c. children said to be overlaid, die of this disease, Hydrocephalus may be the consequence of some injury done to the head tho it may not appear till some months after the Injury, the following appearances upon dissection 1st. a sound brain this has very much puzzled

Physicians but they do not consider the immense force of the disease transcending Inflammation, this Morgani takes notice that electricity & hydrophobia do the same, 2d. Inflammation or redness upon the cortical part of the brain, 3d. from a teaspoonful to ℥iv of water in the brain which does not always coagulate, sometimes this water is effused between the dura & pia mater, sometimes between the pia mater & brain, I have seen in some instances of water in the substance of the brain tumors as large as an egg have been found in the brain, after effusion has taken place I have cured by V.S. when effusion takes place there is a sudden abstraction of pain, but the water soon reacts & causes it to return, the pulse is quick

the remedies are here 1st. V.S. this ought to be more copious here because there is no back door to the outbrain I have succeeded after tetanus & convulsion have come on by V.S. the blood may be taken by cupping, & with more advantage from the temporal artery scarification in the occiput, 2d. cold applications, cord purges as Jalep Calomel Rhei, Puith root should be particularly avoided as it increases the determination to the head Blisters 1st. to the legs 2d. neck and heat the last

should be very large & continued for some time, In one case the blister would not on the right side there not being sufficient excitability upon the other, Salivation, Mercury rarely affects the mouth of children, but when it does mortification is apt to take place from the tenderness of their jaws & we should never attempt to salivate under Bov 10, when an Intermittent type is assumed Bark &c.

Hydropic state of fever. In

which are included effusions of water (accompanied with morbid action in the blood vessels) into the brain Lungs & cavity of the thorax, of the abdomen ovaria scrotum testicles & lower extremities, It is attended with dry skin, thirst quick & feeble pulse, white tongue, scanty urine, sometimes high coloured & at other times pale, the effusion or secretion is the effect of preternatural action in the blood vessels without fever or morbid action in the blood vessels, saving from the rupture of a Lymphatic there is no dropsy, water is the product of diseased action in the cavities of the ~~abdomen~~ body, Winter says that lymph is secreted because it is not coagulable, It is brought on by obstructions in the kidneys, water is found in the cavities whilst air is found in other parts, In all these cases

morbid action precedes the effusion of water, this effusion is the effect of the impeded return of blood thro' the veins of the heart, the arteries to relieve themselves of their distention, throw out this fluid into the most convenient part of cellular membrane, Dropsy is seldom produced in old people with swelled legs, because there is no morbid action in the blood vessels, this morbid action sometimes ruptures a Blood Lymphatic & after this rupture the fever abates & changes the Pulse to Synochus or typhus, but this effused lymph rests & produces fever ——————

The remedies must be suited to the state of the pulse & the system, In great morbid as when there is great Inflammatory diathes, the remedies should be V.S. Purges there should be lenient or drastic as the system indicate we should first give lenient as senna Manna Cream tart &c. & then if necessary we should give the lenient as Jalep Gamboge scammony Aloes &c. Low diet & even fasting has been of great advantage 4th Cold applications in different ways 5th Heat applied by means of the sand bath, 6 Fear, 7th travelling on foot 8th Diuretics, as digitalis squills &c. these deplete, but they do it circuitously there last should not be relied upon so much — ly but if the pulse be tense V.S. When there is weak mor—

morbid action, stimulants & tonics should be used as scurvy grass alkaline salts, iron & mercury hot & cold bath also generous diet exercise travelling &c. vomits & purges with other depletions should be avoided, We will now deliver a few remarks upon dropsy as they occur in different parts of the body?

Hydrothorax. This is known by a difficulty of breathing, sudden starting in the sleep dry cough palpitation of the heart & inability to lie on one side & sometimes on the other spitting of blood swelled legs, the pulse tense & full which is seldom subdued by V.S. vertigo is a very general symptom this disease follows half cured Pneumony or neglected colds The remedies for it when the pulse is full & tense V.S. the blood is always sizy, altho' V.S. seldom lowers the pulse, yet it prepares the system for other remedies as diuretics which draw off the water by the kidneys, these are squill, Digitalis &c. one gr of squill to two of Calomel may be taken twice or thrice a day, Camphor may occasionally be combined with them, perpetual blister to the side, salivation &c. Purges are uniformly hurtful, this we know to be the case in all diseases of the breast, and ought not to be given unless costiveness require them Spitting of blood & the natural warmth

of the extremities & pale urine are unfavourable symptoms
Sometimes the effusion of water takes place in the cavity of the pericardium & in the substance of the Lungs, the pulse is quick frequent & irregular, the remedies are the same as in Hydrothorax — — — — — O — — — — —

Ascites, This takes place when there is a collection of water in the whole cavity of the abdomen or only in cist - Dropsy of the cists are known 1st by a greater colection of one side of the belly than the other 2d It is most common to women, 3d It comes on gradually 4th There is little or no swelling of the legs 5th Purges act feebly & the water effused, by tapping has an oily appearance 6th the belly has only a small surface in this but a large and uniform one in dropsy of the belly which follows epidemics, remitting & Intermitting fevers, in which a fluctuation perceptable & to which tall men are more subject than everytous dropsy, Its fluctuation is less perceptable, And in all encysed dropsies you cannot draw off the whole of the water the remedies are 1st V.S when there is a tense pulse & which is still more indicated when the legs are swelled, 2d Purges they are more useful in ascites, they may be either lenient or drastic, these last are dangerous in old obstructions of the viscera with languid pulse, Gamboge becomes less drastic

ay being boiled in water & then combined with crystals of tartar, 3.d
vomits where there is tumors of the abdomen, & diuretics ℥iv of nitre
to a quart of water ℥i of which taken 3 times a day is of great use
in morbid action, juniper berries, squills & digitalis, sometimes
weak diuretics are better than weak strong ones, as parsley tea wa
ter melon seeds &c. Spontaneous sweats are of great service, blisters
to the ankles, there is great danger of mortification from them when
the has been reduced to low, frictions with sweet oil & salva-
tion, if the liver discovers itself to be diseased a seton to the right
side, when there is weak morbid action the remedies should be
the contrary to the former, when ascites is accompanied with
anasarca punctures, scarifications when they are to be used make
them about the ankles or calves of the legs, keeping the pati
ent in a recumbent posture & in bed with a belt round his body
tapping this sometimes procures relief in recent cases & in chro
nic cases sometimes prolongs life, but I have seen it hurtful
by taking off the stimulous of distention & producing death
the matter drawn has the following appearances, 1.st Serum of
a pale white colour, 2.d of a yellow green coffee colour, when
green or yellow it denotes the liver to be concerned, 3.d like
milk mixed with it, 4.th a milky fluid only, 5.th a gelatinous
brown matter, I have seen 2 cases where two different fluids

were discharged from two different orifices, & lastly bleed & it has been proposed to inject 4pt Mundeni or wine into the cavity of the thorax in order to inflame the parts & thereby produce adhesions the following are the signs of Life & death from the water drawn 1st water of a rosy appearance with a brackish or winous taste is unfavourable 2 clear water unfavourable 3 fœtid 4th yellow shews the liver to be affected 5th water with a red or brick dust sediment is unfavourable 6th Jaundice & diarrhœa are unfavourable restlessness lax or chilly fit after tapping is always unfavourable

Dropsy of the Ovaria, this may exist many years without inconvenience to the patient, it is commonly discovered on one side only, a salivation is the only remedy

Dropsy of the Uterus, the water is sometimes discharged before & sometimes after delivery, the remedies are Purges &c.

Dropsy of the Scrotum, in this the water is to be discharged by puncture, Physick lectures

Anasarca, this is generally the effect of fever or intemperance, a recumbent posture is proper, & the patient should constantly be so, the legs should be rubbed, digitalis is of great use in this species of dropsy. Blisters & punctures to the

& then tonics — — the next come to the nephretic state of fever

Nephretic state of fever, this is an affection of the kidneys & is sometimes symtomatic of the Gout & yellow F— & arises from a translation of morbid excitement to that part the urine is often pale sometimes copper coloured or black & sometimes a total suppression of secretion & excretion of of urine from an engorgement of the kidneys, the remedies must be suited to the state of the system they are ℞ purges & cold air, demulcent drinks and warm bath & salivation — —

DIABETES It generally assists adults but sometimes children, the symtoms a quick pulse, or feeble & sometimes a full pulse, heat thirst pain in the head giddiness palpitation of the heart, morbid appetite, yellow colour of the eyes diarrhoea, dullness of the senses, constant sense of sweatness upon the tongue, this disease is an increase of urinary discharge the palpitation some months & gums are precursors to this disease, the remote causing producing this disease are debilitating, as cold, liquors drinking to an excess the debilitating passions of the mind, It is known by a pain in the testicles from the kidneys, Acids may produce it, 36 ℥ of urine yeilded ℥ix of sugar, the urine is sweet and pale & putrifies sooner, on dissection the kidneys appear swelled &

& spongy & emits a sour smell, the sweats & saliva more sweet & the stomach & Liver shewed the disease, when the sweats are acid it is owing to acetous fermentation, This saccharine diathesis is nothing more than an incomplete animalization of the food, there is great morbid excitement in this disease & hence the remedies are V.S, the blood in all cases shews great marks of disease, it is less pure & fent than the blood of healthy persons it generally exhibits a sizy coat, always a full bounding tense pulse, as it is a chronic disease V.S should be used as an alternative for which it should be taken in small quantities & often, allum & Rhei dowers powder, Una ursi, soulinied with Opium bark & lime-water are good 2d. Emetics, purges low diet, afterwards allum whey, bark exercise, oil of amber, garlic & tar pills Bathing salivation sand frictions with oil have been recommended, There is a great difference between the state of the system reduced by V.S & that brought on by the blood weakening down the excitability of the blood vessels, the distressing thirst is to be relieved by drinking oatmeal water sweet oil should be taken to blunt the appetite or tobacco used, & reduce the daily quantity of blood. — — —

Hemorragic state of fever.

In which are included discharges of blood accompanied with morbid

action in the nose &c. the symtoms are chills heat thirst & frequent pulse. I will here a few propositions deliver, 1st. all spontaneous Hemorrages are preceded by debility in the arterial system, in common with all general diseases 2d. this debility is produced by all the causes producing fever & by the aliments exceeding the excretions, It occurs chiefly at puberty when a cessation of growth takes place & when the body does not require all the blood it contains for its support, 3d. Hence a plethora is induced 1st. by an excess in the blood vessels after Cavity 2d. from excess of blood from the loss of a limb, 4th. Hemorrages are from the veins at the age of 37 & afterwards when they have gained the plethora from the arteries, The Hemorrages are from the veins when it comes from the Liver Spleen, stomach &c. Hemorrages from the Lungs & nose in youth are from the arteries In this there are some exceptions, I divide them into Hemorrages of great morbid & weak morbid action, they may be know by the state of the pulse, The only passive hemorrage we have is that from slight wounds or any deficiency of coagulum in the blood It is sometimes a family disease & is only relieved by pressure only, the disposition to bleed from the slightest injury some times runs thro' a whole family, the causes are remote & exciting both of which are divided into general & partial

first such as are general, namely heat & cold, vicissitudes from heat to cold & from cold to heat, any thing increasing the action of the blood vessels as exercise contusion & the venereal appetite &c. often produce Hemorrhages from the lungs & nose 2nd such as are partial, viz coughing sneezing cold feet &c. these Hemorrhagies have been said to be epidemic, are there any hemorrhages which would be improper to cure? yes, when there is a disposition to apoplexy, maniâ piles, leprosy & fetes - it would be improper to stop them, hemorrhoidal hemorrhagy sometimes prevents leprosy & itch, the general remedies in great morbid action are 1st. V.S. cold air immersing the body in cold water this acts by obstructing morbid excitement 3d. rest, 4th. Lenient purges, 5th. Nitre, 6th. Lacch. sat. allum Galls, common salts when from the lungs 7 Ligature 8th. blisters to the lower extremities & abdomen, When there is weak morbid excitement, bark, wine, Nitric acid in preference to Elixir of vitriol, when from obstruction of the spleen, Mercury, & caustic applied to the region of that viscus &c. the Prophylactics are temperance gen the exercise V.S. for the first, & second Tonics ——

Epistaxis or hemorrhagy from the nose, this is sometimes a symptom of fever, when it occurs in the

in the beginning of fever it is favourable & not always to be checked
A sense of fulness is felt in the nose sommonly, Anger, pushing of the
nose, falls, contusions, bandages around, sometimes produces it, also by
the determination of the blood to the head at the age of puberty
The remedies are 1st If the pulse be tense, a recumbent posture
cool cold applications to the head, neck & scrotum as Ice &c. a plug up
the nose & blisters to the neck, If all these fail use astringent Sach
Saturn gr. 1 to a dose, when it is suppressed benint purges low diet
&c. should be used to prevent its return

Hæmoptysis or hemorrage from the Lungs, This is
known by a redness of the cheeks, small cough with a discharge,
sometimes from the trachea, difficulty of breathing oppression at
the heart &c. By looking into a glass the patient can sometimes
discover its scource, the discharge of blood is sometimes from the
trachea & fauces, It causes are external violence, heat cold laugh
-ing lifting great weights &c. I will here deliver a few remarks 1st
3/4 of all proper hemorrages occur in the night, 2d long & con-
tinued speaking of equal never produces hæmoptysis, 3d It
seldom follows the cause producing it there is an interval from
one to 30 days, 4th In all habits disposed to consumption the hæ-
-mothysis prevents the disease, the more copious the hemorrage
the more certain will it prevent it, 5th the discharge is

of blood is sometimes so copious as to cause an apoplexy of the lungs & sometimes to suffocate 6th Hemopthysis is a local disease, this is when it is unattended with general debility this is seldom fatal 7th less dangerous in old declining people than in young 8th those subject to this disease sometime live to an advanced age, 9th when it occurs in Gout it is seldom dangerous 10th in Chronic hemopthysis the lungs have Polipi 11th according to cullen vicarious Hemopthysis is seldom fatal, and the piles seldom terminate in Consumption, 12th while that preceeding consumption is always favourable & frequently cures & on the contrary that succeeding it is always fatal, It is sometimes a local disease & confined to the pulmonary division of the arterial system, the Remedies are 1st Bleed accommodated to the state of the system, the Lungs are sometimes engorged & then require more bleeding than at any other time thro' the pulse be natural 2d Common Salt & in some cases may be used before 1st to be given in spoonfuls Cold applied to the scrotum 3d Vegetable acids, 5 Opium 6th Allum 7th Lead saturn 8th blisters to the wrists first then to the neck & breast & gentle purges to avoid irritation from the bowels, In hemopthysis of weak morbid action, the remedies are salt, henbane British oil from 6 to 10 drops this has proved successful when all other remedies failed, Oil amber from 10 to 12 drops, Opium in large quantities, cordial drinks & diet, Emetics are of great

service, so much cannot be said of blisters applied to the wrists & salivation the action of the Mercury on the mouth & throat suspend all morbid action in the lungs, what would be the effects of exciting Inflammation upon the skin by means of ℞ Turpentine, to prevent a return of it gentle purges & avoiding all exciting causes, going to an uniform climate also occasional bleeding, it is by a full pulse and fullness at the heart, when the pulse is typhus, barks &c. this should only be used when every symptom of Hemoptysis is absent, & it should not be taken when there is a sense of fullness about the ~~breath~~ breast, Dr. mentions that a women was cured by an attack of fever this acts by equalizing excitement,

Hematemesis or a

hemorrhagy from the stomach, This is known by a sickness & oppression at the stomach, the blood discharged is generally black & sometimes from the liver & spleen, sometimes a membrane is discharged like that in the croup, sometimes a hectic fever follows it, it's generally fatal, If red blood is discharged it is dangerous but less so when black, sometimes the discharge is from the anus, the remote & exciting causes are 1st. obstructions of the Liver & spleen 2d. hard drinking, 3d. acids taken into the stomach, 4th. hard substances taken into the stomach & cold applied, 5th. obstructions of the menses, 6th. suppression of piles 7th. Concession. —

& the violent operation of an Emetic, sometimes the hemorrhages is so great as to forbid it & at other times it is necessary as in suppressed menses when there is too much action, the stomach is sometimes so irritable so as to reject medecines of all kinds, I have stopt it by giving a table spoonful of salt, rose leaf tea, vinegar Laudanum with a little water cold water by glysters or mouth allum, Sach, sal, If the alum does not do good stop giving it immediately, Its return should be prevented by strict abstinence &c. strictly search into the state of the Liver & spleen, if obstructions be there remove them, to prevent it mild diet rest &c.

Melena or a discharge of blood from the bowels, I have seldom cured this & never in chronics, It generally succeeds obstructions, Remedies cold, & astringent medecines —

Hamorragy from the intestines, this happens in dysentery the remedies are if the pulse be tense & an Injection of Laud & cold water into the rectum — — —

Hamorrhagy from the kidneys & bladder, there may arise from calculi, hard riding & cantharides, It is a symtome of Malignant fever the remedies are if common salt clysters of Laudanum & keeping the patient in a recumbent posture, cold applications &c.

Hamorrhagy from the hemorrhoidal vessels when profuse the remedies are cold water sach sal, Allum & Eales applied

to the part glysters & a diet affording few fæces a recumbent posture &c.

Hæmorrhagy from the uterus, this occurs after the cessation of the menses & after delivery & intemperate venery & often excited by the heat of stoves, the remedies are 1st. if accommodated to the state of the system, rest cold applications to the regio pubis flour applied in large quantities to the same part, Laudanum in large doses, acetat saturn, blisters to the thighs are of great efficacy Salination &c. It recurrence is prevented first by if occasionly if it occurs in pregnancy 2d. by eating small quantities of vegitable food & using meat that is salt exclusively 3d. avoid climbing up stairs &c. the bark is a good prophilastic, when it arises in the form of a lochia a child applied to the breast or supping will do good, when the pulse is languid bark steel &c.

Hæmorrhagy from wounds Physicks lectures

Hæmorrhagy from the skin, occurs in malignant fevers blisters &c. the remedies are internal tonics & astringents externally - Hæmorrhagy from the nipples yeild to gentle & external astringents.

Of those misplaced states of fever in which from the remote cause or from predisponing debility, morbid-

action is thrown chiefly upon the blood vessels into the other parts of the body & is either general & local, there are the Gastritic & Enteritic states of fever which have no place in our syllabus, they are frequently produced by poisons & acrid substances swallowed the remedies the same as for poisons ——

Hepatic state of fever — The Liver is the great in which all the filthy matters of the body are thrown, we first speak of Hepatitis, that this is a contracted & suffocated bilious fever I infer 1st. From their occuring during the bilious fever, 2d. from their occuring in places subject to the bilious fever, 3d. from their attacking robust from lean & men more than women 4th. It never affects under puberty 5th. from being excited from heat cold & intemperance 6th. from its affecting new comers in the W Indies & old Inhabitants in the chronic form & with suppuration similar to the yellow fever, the premonitory symptoms are depressed or preternatural spirits, the symptoms when the disease is formed are an increased appetite soreness of the stomach & vomiting, the stomach is always affected, a pain in the right or left shoulder, the pain is in the right Hypochondriac region but sometimes in the left & there only in women, ——

1st. the pain is increased by pressure upon the Ribs ——

2d. increased by a full inspiration. ——

3d the cough is dry weak & hollow, these are the three symptoms wh distinguish them from other coughs ——

a pulse full, tense, or languid, dyspnoea, dyspnoea forte, dyspnoea & sometimes natural, more affected active upon the affected side a difficulty on lying upon the left side more so when the pain is upon the convex part of the liver, green or bloody stools, yellow urine when its coming on, an inability to sneeze, sometimes comes on without pain, sometimes there is an absence of pain & fever, these symptoms as the disease is acute or chronic, or according to the seat & sometimes the chronic changes into the acute & vice versa, this disease comes on without any of the above symptoms nor is its existence known till after death —

The remedies are, 1st copious b/s in its acute & frequent do in its chronic state, this is more necessary because as no disease runs more rapidly to a crisis, so none requires the aid of the evacuations more nor sooner, 3d salivation, this should be done in order to prevent suppuration & if it cannot be excited it is to be feared that a suppuration is going on, Mercury was formerly supposed to act as a specific, but it is now known by exciting an action in a less vital part, 3d purges these are indicated by nature, Clysters are necessary to supply the place of obstructed bile 4th Blisters applied early & frequently

particularly to the region of the liver when the disease is chronic 5th Opium in cases of great pain, 6th Issues & caustics applied to the side of the liver are of the greatest advantage, The liver rarely mortifies but frequently suppurates & the matter is discharged 1st externally 2d Internally into the doudenum, 3d into the abdomen 4th into the thorax, or into the substance of the lungs by suffocating the diaphram, 5th into the pericardium, 6th into the stomach & into the colon & kidneys, the matter discharged is bile mucus & pus with blood & a mixture at times apparently heteragencous, It is fatal when discharged into the abdomen, thorax & pericardium, the happiest discharge thro' the billiary ducts, Dr. mentions a case of the matter being drawn off from the abdomen by tapping, when the matter points outwards thought to be encouraged, by making an opening with a lancet, because when it opens it externally death is generally the consequence, when suppuration takes place try to make it discharge thro' the doudenum, for this purpose an Emetic is best, an abscess does not always terminate as soon as it is formed, & often leaves a pain in the side which is affected by changes in the weather. ——————

Hepaticula or Chronic hepatitus ——

This when moderate is apt to terminate in obstructions

which should be cured by the same Medecines as from other cau-

Diabetes of the Liver.

This is a preternatural secretion & excretion of bile its causes are 1st. Intemperance, in the use of ardent spirits, 2d. Intemperance in eating high seasoned food, 3d. violent exercise 4th. Violent passions of the mind 5th. sea sickness & heat, hence in warm climates & hot weather so many diseases of the Liver 7th. Madness & Gout often produce it, 8th. diseased Uterus &c. these stimuli produce sickness at the stomach & puking of bile, Diarrhœa, colera morbus, in consequence of exciting a preternatural action in the liver, which action according to its degree produces yellow, Grey, dark, limpid red viscid matter which concretes into Gall stones, Imperfect style is also discharged, this diabetes of the liver is often confined to the duration of the causes which excites it, but it is sometimes chronic continuing for many years.

The palliative remedies are of gentle purges & emetics which should be used cautiously, a small tea cup of water taking in the morning fasting, Blisters there I have used with great advantages, the radical remedies avoiding all the causes of the disease particularly Ardent Sp. fat food &c. & living upon rice potatoes in small quantities

lean meat & chalybeate waters, have often made cures, fractions calomel to affect the mouth & change of climate, If the stomach be affected with dispepsia, all the remedies for that disease are to be used.

Lientery, diarrhoea of the liver or what has been called hepatic flux, here the appetite & digestion are unimpaired the liver throws out its contents in a crude state, the remedies are depletion & a spare vegitable diet.

We next come to the disorders of the liver & first of Jaundice —

Jaundice

This is caused 1st by inspissated bile, 2d calculi in the ductus communis coledochus, 3d from spasm in the duct, 4th from pressure in tumors in adjacent parts, of wind as in Cholic, 5th Inflammation of the sinuses of the liver 6th Intermittent & remittent fevers, Gall stones of bile are found from the size of a pea to that of a walnut & of a bile colour, They press the doudenum & are the cause of great pain, which pain is not constant but goes & comes on, it is increased by a full meal This pain does not arise from the sensibility of the Liver which is very insensible, the galls stones may often remain years without pain, the jaundice is known by a yellow dark or pale colour of the whole body particularly the whites of the eyes —

In the darsh colour of the ~~eyes~~ body which constitutes black jaundice the bile is absorbed, It is known by a severe pain in the region of the stomach, when it begins chills sometimes attend, the other symptoms are debility, depression of spirits, slow fever, but more frequently a natural pulse & heat of the body, Diarrhoea costiveness & indisposition to motion, the remedies are to be accommodated to the cause & symptoms, if there be fever & tense pulse bleed, If it arises from spasm of the biliary ducts, Opium &c. if from obstructions or viscidity of the bile, Emetics purges, mercury Pulvis Fructorum, &c. If from Gall stones, alkalies & soap lime juice &c. If it arises from a torpor of the cystic duct, shocks of electricity, the paroxism are relieved by ℞ Opium & a vegetable diet, dandelion &c. ℞ Potash & Gum arabic ā ā ℥ss Castile soap ℥j & lb 1 brandy, a wineglass to be taken every two hours, A discharge from the hemorrhoidal vessels is a favourable ~~discharge~~ symptom in the early part but not in the latter part the liver is sometimes paralyzed & from a defect of secretion produces costiveness, but it may throw its bile into the duodenum so as to produce colic &c. vomits should be used cautiously purges are more proper blisters are excellent in all diseases of stomach & bowels, nitric acid & a salivation sometimes from some irritation there is a discharge of wa-

-tive for many years &c.

Hepatalgia the symptoms are pain & costiveness &c. remedies, caustic to the region of the stomach, frictions & stimulating applications, cold bath Calomel in small doses, chalybeates & tonics &c.

Appearances upon dissection after diseases & disorders of the liver, Inflammation, adhesion of the liver to the adjoining parts abscesses sometimes communicating with an other in the lungs great enlargement & congestion of blood, diminished size, partial or general, schirrous or scrophula, great dilitation of the bilary ducts, worms in the substance of the liver, only one case of a mortification of the liver upon record, Gall stones produce Inflammation & Inflam.n gall stones, Hepatitus Hepatalgia & hepatalgia Hepatitus.

Diseases & disorders of the Spleen

the spleen has been found engorged with blood after death the spleen seldom suppurates or inflames & never mortifies

It is sometimes ruptured & enlarged,

Remedies of Mercury, frictions, caustic to the region of the stomach & spleen &c.

Hemorrhoidal state of fever or Piles

This is discovered by a quick pulse, pain in the head

back & loins & rectum with effusions of serum & blood, It affects children less than adults & women more than men, It is produced by costiveness, acrid purges as aloes and continued use of bitter hard riding &c. I have seen it induce gonorrhoea benigna & dysurea, it is sometimes a symptom of cough,

the remedies are 1st. bf general & local, the last by leeches &c as the part affected is so far from the general circulation that bf must be carried to a great length, 3d. a horizontal posture of the body 4th. lenient purges as butter nut pill, sulphur &c. 5th. aliments affording little fæces, 6 a bread & milk poultice applied to the part with a little lead water, 7th. Cold applications to the part.

When the disease is subdued the following medecines should be used 1st. warm water locally, 2d. molasses 3th. ointment of tar & lard 4th. stramonium ointment which should be prepared as follows ℞ of the leaves in August, hogs lard & a little bees wax, & with sacch sat, Opium, galls powdered & sweet oil, this disease ends in what is called bleeding piles, 2d. in suppuration, 3d. in Inflammation & ulceration of the rectum composing the disease called fistula in ano, 4th. In indurated tumors which are either internal or external & produce difficult stools & sometimes consumption

5th prolapsus Ano 6th in mortification, these are all cured by V.S. when the tumors are very large extirpate them with the knife, the Prophylactics are lenient purges, frequent ablutions of the anus with cold water & avoiding all exciting causes &c.

Opthalmic state of fever. this is a disease of the whole system, the worst kind is that unaccompanied with Inflammation, its remote & exciting causes are all those producing fever as marsh miasmata &c. hence their greater prevalence during the time of Bilious epidemics, 2d a general determination of blood to the head in fevers of any kind, 3d it is produced by acrid matters translated to the eyes from any disease, as measles, small pox &c. 4th from diseases in other parts affecting the eyes by association as bile in the stomack &c. in this way the nervous acts upon the eyes, unless by touch, 5th certain effluvia acting chemically or mechanically the 1st are the juice of onions miasma, factor of privies, the 2nd are peices of hair, sand & iron &c. 6th great light applied to the eyes as reflection from snow &c.

the remedies are 1st darkness 2d V.S both general & local, when it prevails in the time of an Epidemic, general blood letting should be preferred, if entirely local blood drawn from the

from about the eyes, being so far from the general circulation, that it would participate but little in the loss of blood, in prescribing regard must be had to the climate, 3 gentle purges 4 very low diet 5 blisters behind the ears 6th cold water to the eyes, when the morbid excitement is in a good measure reduced 7 removing all exciting causes, when morbid excitement is gone, stimulants are proper beginning with weak ones first, a solution of Salt Lark & water the following recipe is a good ℞ Sulphas Zinci ℥i, sacch, sat, ℥iij & water lb i, ℞ this Gum Opii ʒi Galla ʒii water ℥iii as an external applications, the vapour of turpentine, Lapis Calmanaris with fresh butter, Dr. L. recommends blue vitriol & vol ammon & camphor aa 1/4 on an ℥ this mixture is to be put into a pint of boiling water, Demulcents as quince seed & the pith of saffafras to wash off the acrid humors, when the soreness arises from an inverted hair extract it, when from Iron use the magnet, when from a suppressed Gonorrhoea, an irritation should be excited in the urethra, If all these fail a salivation should be excited more particularly when it arises from the venereal virous, when it becomes periodical bark will be proper, when from a translation of the disease, endeavour to bring it back & cure it, to prevent relapses, avoid all exciting causes, the pain is dull acute or jumping.

Odontagic or tooth ache

The is a pain of one or more of the teeth, it is sometimes the first symtom of fever, It occurs from Scrofula, exposure of the nerves in the teeth to cold, the is dull acute or jumping It is sometimes so great as to produce slight madness the teeth are affected with a violent Inflammation, this Infer, 1st from their being furnished with arteries, from pain occurring in sound teeth & one tooth beginning to decay in consequence of the acrid matter & corroding matter destroying the other teeth 2d the tooth ache is more powerful in hot climates subject to Inflammatory diseases, 3d It occurs generally in the inflammatory periods of life 4th In seasons producing Inflammatory diseases & in which the weather changes from hot to cold, the direct causes are change from hot &c sugar salt & animal food are said to produce & all such substances which wound or corrode the teeth, but sugar does not affect sound teeth tho it may decayed ones when it touches the nerve, the indirect causes are dyspepsia Rheumatism scrofula &c sometimes the Gums tonsils & parotid Glands are affected when the disease subsides in the Gum an abscess is formed the disease may affect the opposite jaw by sympathy when it affects one near it, it causes it to decay

The remedies are extraction, this is sometimes impractable then bleeding from the Gums should be done, but if it causes general inflammation then general V.S will be proper 2d. Purges vomits, Cordials, blisters behind the ears, a toasted fig applied to the tooth Opium, Oil mace &c. when the disease proceeds from debility & costiveness & Indigestion a Glass of brandy or wine held in the mouth or a full meal will stop it, applications of poultices hot rags, Opium, tobacco mustard &c. tinct Cantharides will destroy the nerve. when the pain ceases a Gum boil often takes place, extracting the tooth should not be delayed for it will corrode others by its matter, sometimes it ends in scrofulous swellings, extraction is then the only remedy; others remedies for stopping the tooth ache are filing & stopping up the hollow with lead Gold &c. destroying the nerve with caustic hot Iron &c. Sometimes abscesses are formed in the upper & lower jaw then the teeth must be extracted 1st. because the matter collected around the teeth is of a specific nature, 2d. because mastication is impaired by it & consequently digestion 3d. because this matter transmits morbid excitement to every part of the body 4th. the tooth ache produces Rheumatism Epilepsy & obstruction of the menses &c. all of which are removed by extraction. ——

I will give a few directions how to preserve the teeth, 1st. extract the milk teeth as soon as possible after they are loose that room may be given for the growth of the rest, 2d. remove the decayed teeth immediately as they become troublesome for they tend to destroy the other teeth by not allowing them motion, for the teeth require exercise as well as the eyes. Even those teeth above or below from which teeth have been extracted decay sooner than others for want of exercise 3d. since acids corrode the enamel particularly unripe fruit should be avoided. 4th. let the head & jaws be kept warm, 5th. wash the jaws with cold & the teeth with tepid water 6th. wash the teeth after every meal, 7th. avoid the alternate use of hot & cold applications to the body of the teeth 8th. never use them for preternatural uses as cracking nuts biting threads &c. 9 carefully remove tartar from the teeth & acrid tooth powders to much friction &c. the best tooth powder is 1/3 bark 1/3 Gum Myrrh, 1/3 charcoal, the practice of extracting a tooth and placing it in the mouth of an other this is a bad practice for the root will decay & cause much pain a dry tooth is much better, 2d. fastening in peices of gold or silver this is called pivoting 3th. tying in an artificial tooth, 2 or 3 sets should be kept & changed every 2 or 3 years,

Otalgic state of fever; this is a misplaced state of fever appearing by pains in the ears & is most common among children, now & then it follows the Influenza, the remedies are by purging blisters behind the ears Land & the vapour of brown sugar into the ear by means of a funnel Chocolate oil &c. If it tends to suppuration poultices of bread & milk onions &c behind the ears, if the abscess breaks detergent injections should be used, sap of hickory &c. by generally prevents suppuration —

Cystic state of fever

this consist in a great discharge or suppression of urine with much pain & fever the appetite is generally unimpaired the neck of the bladder is generally the seat of the disease it has been called catarrh of the bladder, its remote causes are direct & indirect as hard substances irritating the parts irritating Injections &c. & acrid substances swallowed as Cantharides, from calculi suddenly descending, from gout the intemperate use of venery, I have known it brought on by Injections of sasch sat, the remedies are first by general & local the last by means of leeches to the perineum, by in its acute stage prevents all the chronic consequences as schirrous or an enlargement of the neck of

bladder, 2d. gentle laxatives 3d. blisters 4th. cold water or Ice to the pe
rineum, when the Catheter failed, the catheter should be used if possi
ble 5th. demulcent drinks, I have seen 2 cases of Gout relieved by V.
after this remedy a suppression of urine takes place from debility
& here tonics are proper, I have heard of one case being cured by
an attack of fever, this shews the necessity of exciting the whole
system ——

Asthenic state of fever. This is never
a primary state of fever it is an effort of nature to relieve her
self by depletion, It generally occurs in the first month of In
-fancy & is caused by acrid matters in the bowels or the com
-mon atmosphere & a retention of meconium &c. It may be
prevented by purging gentle with molasses, magnesia & the
like, It sometimes attend epidemics & sometimes comes on in
the close of consumption, diarrhœa & other diseases of the chron
-ic form, in which it is generally fatal, when it comes on in
acute pleurisy it is generally favourable, I have seen it ter
minate in Cynanche Tracheali; the remedies must be regula
-ted by the pulse & state of the system also the season & the
reigning Epidemic if the pulse be tense by purges &c. should
-be used as Calomel, then blister & astringent gargles as Al
-lum & honey myrrh sage tea & bark. ——

Scrophulous state of Fever.

This has long been supposed to be a specific disease confined wholly to the Lymphatic glands, but it is originally an arterial disease & thrown on the glands, It is a misplaced state of fever & sometimes secondary in this it resembles the jail & yellow fever, It is an Epidemic of barbadoes & is called a glandular disease It attacks different glands sometimes the testes, mesenteric glands, Lung Axilla rectum, liver Eye, bladder ovaria intestine & sometimes the teeth & even bones when it is called rickets

That it is a misplaced state of fever I infer 1st from the remote & exciting causes which are miasmata, heat & cold succeeding each other 2d from its symptoms cold & hot feet swelled & black gums & its sometimes suddenly inducing death, It is sometimes fatal & the blood drawn without size, 3d It being originally a febrile disease, I infer from its affecting all ages colours & sexes habits &c It is more common among children than adults 4th like other diseases of hot climates its affects animals as well as man, 5th I infer from its being produced by unwholesome water, It is a disease affecting two systems the arterial & lymphatic, resolution, suppuration & Gangrene are the forms in which it terminates? the premonitory symptoms are a white smooth swelled face

pain in the bones, unusual vivacity in children, tubercles are very different from scrophula? the remedies must be accommodated to the state of the system, if the pulse be tense or full. V.S is proper also purges low diet, &c. especially, if the inflammatory symptoms occur, but when the system is not excited, Barb sal soda, sea water, Calomel with or without opium, Cicuta gr i three times a day increasing daily Galls & brandy generous living exercise &c. bandages applied to the limbs a change of climate, In no disease is a change of medicine as this, It will be necessary to change a half a dozen times on some occasions, the tumors should be left to open themselves unless near a bone or blood vessel, the sore should be treated according to their various appearances, Cold water & Electricity have been used with success in this disease —

Goitre. This is a swelling of the thyroid Gland & is said to be scrofula, It is misplaced in Intermittents & Remittents, this I infer 1st from its arising with or accompanying sore eyes, 2d from its occurring among horses dogs & pedigeons, 3d from its having increased by moisture & least felt in dry summers & winters 4th It seldom attacks persons after the 25th year of life 5th it attacks all persons in all countries 6th men are less subject to it than women, 7th it is worse in time of pregnancy 8th It is attended with pain & swelling 9th It goes off itself, children, some

-times are born with it when there mothers have had no previous symptoms of it, no cure has yet been found for it. Bark, mercury salts & depletion have not been sufficiently attended to in this disease, a sea voyage has been of great service ——

Scorbutic state of fever, I consider this as a state of fever, 1st from the remote predisposing & exciting causes, which produce fever, as cold moisture & marsh miasmata, It require cold below 66 to produce it fresh meat without bread & vegitables produce it, Salt meat, & tea & chocolate produces it; Kauo miasmata produce it, 2d from its symptoms which are pains in the limbs, without a quick pulse, sometimes the pulse is full tense, feeble & intermitting, 3d from its being attended with death ~~only~~ sometimes. 4th from its appearing in the climates in which autumnal Epidemics appear, 5th In cramp, it appears before the cramp fever occurs, I believe the fœtid breath is owing to the abstraction of oxygen &c in short scurvy is an epitome of all fevers they all conspire to shew themselves in this, the remedies are If the blood is florid sizy and dissolved as in other fevers. — the size of the spleen after death hemorrages & the inefficacy of bark all shew the necessity of the lancet. —
2d fresh vegitable diet 3d ℞ of nitre dissolved in two

pounds of Vinegar, the patients are sometimes unwilling to take any thing in this disease? but they should be compelled to eat in this case. It has been cured by emotions of the mind all these act by changing the nature of the fluids, when the system is reduc'd Cordials & Bark are proper. From hemorhagies prevailing in this disease & the bark failing to cure. V.S. has been recommended. The prophylactics are 1st Acids. Sour crout. lime juice &c. 2nd fermented liquors as beer &c. 3rd Sugar, tea & Coffee. Capt. Forest says that meat salted & put away with bones in it is more apt to produce scurvy than that having the bone taken out as meat always begin to putrify near the bones. 4th Milk diet. land air lessening the force of the sea air. 5 Cleanliness 6th Avoid sleeping near the sides of a new built Ship. sleping in a high situation as the second story of a house 7th Flannel worn next the Skin. Cheerfulness —

Convulsive state of Fever &c.

Fever from all its causes often produce convulsions. Children are more subject to this state of fever. Tetanus has been known to be a sympton of Malignant fever. In an epidemic in the upper part of this state Tetanus accompanied every case Convulsions are often excited by the motions of the patient

by a slight touch & speech sometimes + The Remedies are Vf. & All those remedies suiting the disease or fever of which they are symptomas, Oil of amber, asafœtida &c. Tetanus under this state of fever is sometimes general & at other times remitting & intermitting.

Hypochondriacal & Hysterical states of Fever

Concerning these I have but little to say & will observe that like other states of fever, they must be treated according According to the state of the Sympton. In the Hypo=chondriacal state of fever the brain is principally affected & there is a death phobia. In the Hysterical there is a disposition to shed tears a cough & rising in the throat called Globus Hysterious, pale wine? the remedies for these states of fever of which they are symptoms or the prevailing epidemic, direct our remedies to the primary state of fever chiefly, If the patient is confined the fever is the original disease If in our prescriptions we should adhere strictly to those medicines which act specifically upon the nervous system as Asafœtida Bark wine Opium, Vol, Salts, Hope should always be excited death phobia. ——

Cutaneous state of Fever.

This is a suffocation of fever upon the skin, hence there is no furred tongue &c

it is a febris extranecrsa in opposition to Dr. S febris introversa—
it is a misplaced state & arises from causes producing bilious fever
& often under the same circumstances, the prickly heat arises fr.
the same causes hence persons are said to be safe while the dis
ease is out, but not so when it strikes in. ——

That leprosy is a misplaced state of fever I infer from its con
-tinuing while malignant fever prevails, the reason that it has
vanished, is in consequence of agriculture cleanliness &c. ——
I infer it further from the morbid action or affection wh. oc
-curs when it retreceds, It often produces sore throat before
death. I knew a case in which it terminated in consumption
the patient previously lost his eye sight by a violent
Optalmia. It is distinguished from the eruptive state of
fever, by the parts being suffocated in the skin in the for
-mer, In this disease the blood Vessels are not to be over look
ed, they are constantly connected with the skin;
The remedies are Vs purges, low diet or sweating medicines
& according to the state of the system. ——

Of diseases as they appear in the blood
vessels & nervous system / in which are included the
muscles nerves brain & mind / & the alimentary ca
-nal predominating more or less according to the circum-

-stances in each of them. — & first of —

Apoplexy. —

This is a suppression of all voluntary motion, while the heart, arteries, continue their functions the sleep of apoplexy is known by its coming on suddenly & by its being more profound there is frequently snoring & the greater the snoring the more profound the sleep, the peristaltic motions of the bladder continue with the actions of the heart & lungs but the sphincters of the bladder & anus cease to act, there is frequently a numbness of the arm, the pulse is synocha, synochus, depressed intermitting or slow, sometimes so slow as as to beat only 7 or 9 times in a minute, & slow pulse is always more dangerous than a quick one & a plase face more than a red one, the remote causing are Intemperance in eating or drinking, excessive exercise of the understanding, Indolence Insolation, or what is commonly called a stroke of the Sun, apoplexy from Insolation in countries very warm is unknown, the exciting causes are numerous, as exercise that is violent to the whole body, loud & continued speaking &c. impure air as azote &c. when the blood is extravasated on the brain it is generally fatal on the second attack, some fits of the apoplexy destroy without leaving scarths or vestiges of their visits, joy electricity anger, most frequently the function of the brain is destroyed by pressure on it from effused fluids —

Cullen has divided apoplexy into sanguiferous & serous, but this division, is hypothetical & the practice therefore dangerous, The effusions of water is the same, both in symptoms & cure, as that of blood, It is said to kill upon the 3d attack but drunkards have had to the 12th & others only untill the first day, before they are destroyed? that those only in the decline of Life is only subject to it it is wrong for I have known the young to have it, that "short necked people have it only" I have seen it in long necked, women are less subject than men probable from the menses & less exposure to cold It is sometimes hereditary it occurs about the vernal & autumnal Equinoxes that at any other time? It precursors are, 1st elevated excitement, showing in persons not accustomed to it, giddiness, drowsiness, numbness in one or both arms or side, head ache night mare, unsual & distressing dreams, absence in Gout of persons accustomed to it, blindness over the eyes, the face is sometimes so effused that I have called it the facial Apoplexy &c. when these symtoms occur the physician should be alarmed 16 or 20 oz of blood should be drawn, abstinence or a purge will arrest the approaching fit, But sometimes it comes on without any premonitory symtoms, this is in consequence of a vessel bursting in the brain? & it is generally fatal, when a Physician is first called in let him clear the room of all

unnecessary attendants, for the least vitiated air is like poison to apoplectic patients, next loosen tight ligatures or bandages from the whole body? elevate the head, strictly forbid functions or bol-stiles to the head, when it proceeds from contusions &c is to be more copious for it is then more copious than at any other time? the success attending &c depends often upon the promptness it is ta-ken, for this purpose both arms should be bound up, Blood should be taken from the carotids if practicable, cupping &c as an hour in this disease is often of great consequence, Sought not to be improperly used? When the pulse is depressed or Intermittent, the Riverian method is to be prefered, that is to abstract blood by scarifications & I suppose great benefit may result from putting leeches up the nose, In this state of apoplexy, general & profuse Apoplexy will often kill, we should therefore take blood away gradually, open a vein take blood then tie up & so on; thrusting a quill up the nose so as to produce Hemorrhage, a table spoonful of common salt — 2d. vomits, for this purpose a feather is best especially when worms or acrid matters are present, 3d. Copious purges & Clysters & the urine drawn off by a Catheter? cold water or Ice applied to the head, which should be previously shaved, when all these fail blisters & sinapisms to the

to the extremities but not to the head, because the head may be above the blistering point, while the extremeties are ~~above it~~ below it Cataplisms of mustard, cautery to the nesh, & clysters, a shosh of electricity, functions intense light & assute sounds in the years, hallowing according to the excitability. —

The unfavourable signs in this disease are, 1st when it attacks young men under 30, it is most fatal to children, 2d when one side is convulsed, 3d few recover when the patient raises his hand to his mouth, 4th absence of chill, 5 absence of a full bounding or slow pulse or fever is generally dangerous in the first stage 6th an intermitting pulse after 60. 7th a pale face 8th sweating of the face. without premonitory symptoms its generally fatal, a chilly after apoplexy from a blow is alarming, absence of fever or when it comes on late in the disease is alarming. The favourable symptoms are 1st fever or a quick pulse 2d a general sweat, palsy in one side, stupor or drowsiness which are easily removed by caustic &c. — the preventatives are temperance in eating & drinking the absence of usual or accustomed stimuli often induce congestions, hence those who are accustomed to eat suppers must not go to bed with an empty stomach, Indigestible food of all kinds is to be avoided &c. —

Ingredients garlic is often very good, gentle & proper exersise, sleeping upon a mattrass is useful as it prevents us from sleeping too much upon the back or side to long, avoid the suppression of any discharge from any sore, drains from the head are proper avoid costiveness as sulphur is the best purge as it acts altogether upon the faeces, Drunkardness is a form of Apolexy. Fear & terror have effected a cure.

Palsy.

Its remote & proximate causes are the same as in Apoplexy. Its premonitory symtoms are nearly the same as in Apoplexy. A Gent, a day before the attack failed in spelling tho' an excellent scholar, It sometimes affects the muscles & veins of one side only, it is then called, Hemiplegia, when it attacks the lower extremeties Paraplegia, It depends upon a want of excitement & attacks the muscles & nerves, Rheumatalgia sometimes ends in this disease, I have then called it Rheumaplegia. The bowels are always affected when the limbs are. It is sometimes a symptom of Hydrocephalus Internus & is always a bad sign, Sudden pressure upon the nerves always but gradual pressure will seldom produce it, It attacks all ages & sexes, after the 50th year we are more subject to it, The pulse on the affected side is more full than upon the sound one.

I have seen a case where the pain was more acute upon the sound side & the tongue white upon one side & another where there was no taste, a disposition to laugh is often seen, The pulse is more full upon the affected side, frequently a disposition to shed tears. Palsy affects all the mental faculties but mostly the memory. The memory is affected in the following order 1st. words, 2d. Ideas 3d. time & place, Hysterical & Hypochondriacal patients are often affected with it an Inability to speak arises from 3 causes 1st. an affection of the head 2d. Palsy of the tongue 3 oblivion of language, when there is marks of oppression in the blood vessels, blood should be drawn gradually, some mouth often proceedes death, when the brain is affected the remedies are 1st purges blisters to the limbs, head & neck, warm bath after depletion this should be below animal heat, issues in the arm or seton in the neck, Salivation 2 or 3 times repeated if once fail, this ought to be used carfully & cautiously after 60 years of age — the exciting causes &c. when the symptoms continue long without & the mental faculties or tongue are not affected we have reason to suppose the brain is not affected — Electricity often cures to be useful must be repeated often, or when the pulse is low, tying down the healthy arm in order to determine the blood to the affected arm, tying ligatures around the

Affected limb when tumor exist. Case of a Schoolmaster tying liga=
=tures between the elbow & the wrists of his Scholars to prevent
a shaking of the hand in writing. The first symptoms of
recovery are 1st In the voice 2nd In the speech & 3rd in sweats
but I have seen the reverse of this ~~namely~~ sweats first &c. Sweating
of the Affected side Unfavourable. Palsy is known to Affect the Nerves
& muscles from a long Continuance of Symptoms. when it affects these
the medicines are external or internal. The external are frictions with
the hands flesh brush &c warmth applied by Vapour or Sand bath
Cold bath, weights applied to the Affected side beginning with a
pound gradually increasing. The internal are empyreumatic
oils as tar, turpentine, Oil of amber, Cayenne pepper. hartshorn
Ether & Cantharides &c. Pains in the limbs sometimes attends
Convalescents & its is a favourable Symptom, Intermittens or other
fevers sometimes cure it. Insibility of the Affected side is Unfavour=
=able, It is more easily cured where recent or from Colds, such as
the effects of Epidemics, easily cured when the upper limbs are
Affected only, easily tho' slower when accompanied with
a Dysentery. The Prophylactics are the same as those for Apoplex
Care should be taken that the patient does not lie too
long on one side, or sit too long with one side to the fire, I

have generally heard those affected with the Palsy say that they been accustom'd to lay on the affected side to this however I know one exception & only one. The blood drawn when there appears to be great depression should be small in quantity & as often repeated as necessary. It sometimes happens that an injury done on one side produces its effect on the other.

Catalepsy.

This is induced by a moderate pressure on the brain. It has a tendency to apoplexy but is not attended with falling down. The Remedies are Vs. & afterwards strong & specific stimuli according to its cause. I once knew it brought on by love & the young man who had it was cured by the presence of the Lady whom he loved.

Coma

There is a disposition to sleep longer than Natural or Usual It often attends fever is an inferior grade of apoplexy.

Dr. Willing says he knew a fit to last for 26 days & another from August to January & nothing could wake them It is proper to measure up the extremities of Nature what would be the effects of Gentle Stimuli, a whisper wile awaken when loud Conversation wile not, owing to the whisper being in Union

with the excitability of the system. The Remedies are V.S. to be regulated by the pulse. Purges. Cataplasms to the feet &c &c & avoid all the exciting causes.

Wakefulness.—

This occurs in fevers & nervous affections. In some fevers wakefulness will often continue weeks without any injury to the System. It is a premonitory sign of madness. It is sometimes induced by strong Coffee, tea, peruvian Bark &c. Dr. Willis says it is attended with flatulency or belching. studious men are most subject to it. Rousseau was very subject to it in the latter years of his life. It proved fatal to Mr. McBride. It most generally attends the decline of life owing to the second Childhood at which time the excitability is so great that a grasshopper is a burthen. The Remedies are 1st V.S. when the pulse is tense & there is a throbbing in the temporal artery. Case of a man sleeping better after V.S. than for 7 years before it acts like a Charm in inducing sleep. The repitition of this cures Morbid irritability Case of a Lady cured of impending insanity by V.S. 2d. Cupping Purges. absence of Supposed gentle labour lying down In this while young I have often walked down the excitement low diet blisters to the ankles & Neck Complete

Darkness, profound silence lying on the back but this would be unsafe if the system be much reduc'd sitting up warmth to the feet by bricks & bottles of warm water Concentrating the mind & care to one thought or sound; Counting in the imagination 100 backwards. Contemplating a flock of sheep leaping a fence one by one. listening to water droping into a bason or off the eves of a house, or on it. Contemplating a field of wheat just before harvest waving before a gentle breeze, listening to the Olian harp. Monotonous sounds induce sleep by wearing down the excitement & not before by reflex sensation when the system or brain is below the sleeping point the remedies are 1st. Opium beginning with small dose. 5 drops of Laud. will often induce sleep when 30 would not 2d. Assafoetida wile often succeed when opium fails. 3d eating suppers 4th a glass of wine, eating is of more effect than than a powerful stimulus by its stimulus being gentle & durable 5th Jumping out of bed & walking about the room this equalises the excitement by throwing it to the feet Lediluvium: the light of a Candle, of the morning throwing off the bed Clothes warm bath. Rocking in a Cradle, it gently stimulates the brain Recollect the blood vessels brain & muscles in this disease are to be raised or reduc'd to the sleeping point.

Sleeping on one side by increasing muscular motion 5th. Customary Sounds, Case of a Watch Maker formerly mention'd by of hops under the head going to bed & rising at the same hour No new or interesting subject should be introduced into Conversation in the evening & the patients spirits should be kept up by giving the history of those who have recover'd

Vertigo. It occurs when the venous plethora succeeds to the arterial It has the following grades — 1st. a turning round of the head 2d. trembling of the head, 3d. Fear of falling 4th. Tinnitus Aurium, apoplexy, The mind is generally unimpaired & the the memory — this is various in its appearance & causes It occurs with or without sickness, with or without noise in the ears with or without blindness in the years, It attacks chiefly in the decline of life, it is induced by a cessation of the menses, attacks when riding or walking, but its worst grade is when it attacks in the recumbent posture, because that is the posture generally proper to cure it, It is sometimes a symptom of Gout & Rheumatism & frequently a precursor of the piles, It affects the eyes & terminates in apoplexy 8th. the remedies are V.S & cupping when head ache succeeds their exhibition. which is also an excellent symptom purges issues Cold to the head & warm to the feet

excellent remedy but never given with a tense pulse
It is prevented by closing eyes. The local Causes are, wounds, Contusions
Obstructions of the brain. General Causes, strong tea & Coffee
tobacco. tight ligatures Plethora from all its Causes. Gout.
Epilepsy & Fevers of all kinds. Symtomatic Causes, worms, bile
extra quantity of Faces in the intestines. The bowels are excellent
Outlets for all diseases of the brain. low diet, excitement reduc'd
all exciting Causes especially ligatures Coffee & removed. Coffee in
this disease uniformly hurtful. also. Tobacco.

Head Ache

This affects all ages above puberty & sometimes Children from 14
to 8 or 10, women are more subject to it than men in the rates of 10
to 1. It often arises from Gout. It is often Cured at 40 by the exchange
of the arterial for the venous plhetora, Changes of Situation of Labour
of the mind have frequently Cured it. It is frequently periodical
occurring weekly monthly twice a year or annually. I once
saw it Occur every Sept.r Only. I have known it to Continue through
the whole Course of a very protracted life of 87 years. The remote &
exciting Causes act directly on the brain & indirectly through the
medium of the blood vessels, nerves mind, senses of the Stomach
The remote Causes acting directly on the brain are malconformation

of the head. Contusions, decayed teeth abscesses in the ear maxillary or frontal sinuses &c. 1st. Those acting indirectly on the Brain thro' the Medium of the blood vessels are 1st. Fevers of all kinds 2nd From the Gout this is known by its occurring in the Gouty periods of Vale & Spring in those persons accustom'd to Gout in person, born of a Gouty family &c. I once knew a Gouty headache of 16 years standing alternate with the Gout 3rd Rheumatism from Cold 4th Heat & Cold. succeeding each other. From the strife wh takes place between the arteries & veins between 36 & 40. 5th From occurring at puberty 6th at the Change of Arteriae for venous plethora. 7th From a suppression or Cessation of the Menses, a Cessation of Piles. 8th From leaving off any Customary evacuation or discharge. 9th Costiveness from the piles or Condiplomata. 10th Ligatures produce it or tight dresses on the head or feet. II Those acting thro' the medium of the nerves indirectly on the brain are 1st. certain states of the air. as Moistures dryness or winds. thunder & lightning. I once knew a lady who could tell the approach of thunder & lightning by a head which she experienced at its approach 2d Impressions in parts of the body conveying pain to the head as standing too long on the feet, 3rd sleeping & waking at unusual hours. — —

III^d The Causes which act indirectly on the brain thro' the medium of the mind are hardships. hard study, & sudden & violent Passions IVth The Causes acting on the brain thro' the Medium of the senses are Odours, looking looking at intense light or hou=rful heights &c. V^th the Causes acting indirectly on the brain thro' the medium of the of the stomach are indigestable Ali=ments as Cheese. butter & fat meat. bile &c. But effects thro' these Media are often Combined to Constitute headache which has the following marks 1st It appear in the whole 2^d In the sinciput or Occiput only. 3^d over the Orbits of one or both eyes this according to Dr. Clackson arises from the in the stomach, Numerous are the Causes are Many pass through life without any headache. I have known it to go off with the rising & Come on with the setting sun. In Some it Occurs in the Spring or Autumn. but Most generally in the Winter & then its seat is in the arterial System Dr. Boerhaave says the seat of the pain is in the Dura Mater, 4th dull pain. 5th Acute pain, 6th There are often distinct exacerbations or remissions, 7th attended with a sense as if the Sutures were shutting or opening. 8th with the Scalp too Sore to be touched these pains with all their seats &

III

IV

V

Grades continue sometimes for years without any abatement
The Remedies are different as they arise from different Causes
hence no one Remedy is proper at all times when it arises from
Malconformation little can be done however it can be palliated
by small & repeated V.S. Purges. Cupping, Blisters deep
Scarifications in the Scalp & even incisions down to the
periosteum used by a Dr. Physick with Success. These are all
proper if used in time will certainly prevent the use of the
trepan. Labour & a change of occupation have cured it
a fall on the Sea cured it in a Lady in this City
when it arises from decayed teeth or abscess in the
Maxillary sinus let the tooth or teeth be extracted
& the abscess healed If it arises from indirect Causes
acting on the brain thro the medium of blood vessels
or from fever accomodate the Remedies to the state
of the fever if from a prevailing Epidemic treat it as
such if it be intermitting Bark will be of service if from
Gout & Rheumatism treat it accordingly keeping
continually in view that there is no back door to the
brain & that it requires twice the quantity of blood
to be drawn that any other part would when not

It ends in blindness deafness loss of memory. giddiness palsy. apoplexy hydrocephalus and sometimes madness. The gradual abstraction of stimulus is necessary by V.S. Cupping Purges. Emetics. Blisters first to the limbs then to the head & behind the ears abstinence from animal food. Cold to the head. salivation & incisions down to the bone. when V.S. fails to cure directly use Mercury. Cupping & losing only 8 oz of blood have prevented it. If it arises from heat & cold a gradual abstraction of heat or the application of cold to suit the state of the system if in Puberty. from the stripe between the arteries & veins If from Condylomata they should be cut off if from repelled eruptions restore them. small & repeated V.S. If from the cessation or obstruction of the menses small V.S. Gentle Purges snuff to incite or increase the nasal discharge. If from other diseases substitute issues &c: if from Costiveness. Purges & if from ligatures remove them when the head ache proceeds from the beginning or with weak morbid action the remedies are Opium. Voice Vol. tinct. Guaiac. warm applications to the head pediluvium garlic. salt. or burgundy pitch to the feet

or what is better common shoemakers wax, Inhaling the steam of hot water, errhines not stimulatories, local sweats to the head & lastly a salamation, when the head is affected through the medium of the nervous system, the remedies are bf, when the blood vessels are brought into sympathy, cold applications to the head & all the remedies for hysteria, when from the mind & senses, the exciting causes are to be particularly avoided. When through the medium of the stomach vomits purges, tonics &c. Indigestable aliment of all kind should be particularly avoided. — In Periodical head ache, the symptoms are imperfect vision. ears affected with imaginary sounds, troublesome dreams, & sudden increase or diminution of the appetite, cold & dry feet are the symptoms from cold, there is sometimes a difficulty in determining whether the stomach or head be the primary cause of this distressing complaint, but we take it as a general rule that when head ache occurs before a sick stomach that the head is the primary ~~form~~ disease. The remedies are pediluvium abstinence, vomits purges, cupping, sweating landanum in large doses, 3 or 4 grains of pepper, a glass of wine & three pints of hot water &c. The Nervous head ache, the face is red & hot, eyelids fall, tears involuntary vision is affected, smell & taste diminished, mind affected, bilious vomiting

pale wine, suspended or imperfect vision, Ears affected with the most fee-
-ble or imaginary sounds or noise costiveness, It most attacks women just
women to one man, D Cullen, there is a loss of memory without conversa-
-tion, the remedies are 1st is the paroxism be violent or the pain very ac-
-cute or so great as to prostrate the blood vessels, D purges, 2d blisters
4 Cataplasms, rest in a recumbent posture & in a dark room, silence,
bandages round the head, Ether applied to the head in a bladder, or wine
taken internally, these are all proper in suffocated excitement but
by tension, the powerful effects the passions of the mind have in cur-
-ing the head ache, was exemplified in Lady Russel in the execution
of her husband. In the intervals of this disease, the remedies are
bark, valerian, or both combined, Zinc, blue vitriol, preparations of
iron, arsenic, cold & hot bath, warm or cold applications to the head
shaving the head & cordial diet, with the free use of pepper, avoid
ing all the exciting causes &c.

The signs of Life & death are 1st. It is most dange
-rous when it arises from all its causes both direct & indirect com
bined 2d. less so when it arises thro' the medium of the blood vessels
3d. less so when it arises thro' the medium of the ~~blood~~ vessels Mus
-cles & appears to affect them primarially 4th. less so when thro'
the medium of the Stomach 5th. less so when thro' the medium
of the mind & nerves 6th. lastly when the pain appears to

be diffused throughout the whole system the cure is easier than in any of the above, & the more diffused the pain is the less danger, Recollect Gentlemen before you prescribe that all its causes are sometimes combined, when it is hereditary it is very obstinate, when a form of Rheumatism or Gout it generally affects the scalp & more external parts & is not very dangerous. when called to a patient inquire wether the head ache be induced by direct or indirect causes, If indirect through what system is affects the head & suite the remedies accordingly ——

Epilepsy. This is attended with convulsions & with or without sleep, the ancients called it morbus Commitialis from its being produced by impure or Erotic gas, I have read & thought much upon Epilepsy & I am very sorry to say that I know very little now about it that I did, 30 years ago. I leave it to you Gentlemen who in your happy moments of metal excitement discover its cure, I shall proceed to deliver facts only, Debility is the predisponing cause hence its paroxisms appear in the night only, like all other diseases that originate from debility, its difficulty of cure consist in its being deeply seated in the nerves, Muscles & blood he feels & its imparting to each a morbid excitability. ——

I shall divide it into 5 grades ——

1st. Sometimes the paroxisms are so violent as to cause an emission of semen masculinum according to Lower, & an effusion

of blood from the arterial extremeties in a bloody sweat according to Dr. Short, I once saw it so violent that the patient was insensible of parturition, the emission of semen masculinum happens in other diseases of great violence, I have seen it in Yellow fever. ——

2d. the body & mind are not prostrated,

3d. sometimes it only produces fainting fainting, loss of speech or a loss of walking for a short time, ——

4th. It is sometimes so mild that the eyes & face are only a little convulsed, ——

5th. There is a grade of it resembling the German Ephimeles, in wh. the patient has compleat recollection of all that happened the day before, Epilepsy affects from childhood to the 50 year of life the duration of the fit differs in different times & Patients, the intervals between the fit are 24 hours to 6 months, after the 50 year of life it generally goes of or has only a symtom of fainting It generally shortens thó not always life, It sometimes impairs the memory induces fainting &c but not always, It is sometimes succeeded by or alternated with madness, It proves fatal when the fit does not kill, by ending in hydrocephalus Internum dissection shew that those dying in Epilepsy the blood is confined principally to the arteries & that the veins are almost always empty, May he not conclude from thence it is like

vinado, a fever of deep hold, all its remote causes are the same as those of fever, acting with more force & more immediately on debility, Common fevers invade the blood vessels while Epilepsy seeks & finds a different hold, upon the nerves brain & muscles, the remote causes are general & local, The general causes are first, 1st. Intemperance in eating & drinking or excess in venery 2d. great bodily or mental exercise, 3d. Quarism, 4th. terror, 5th. retention of excretions, 6th. repelled eruptions, as Gutta serena, & flor albus 7th. Sleeping in the open air with wet clothes, Impure or Azotic gas has produced it 9th. It is often induced by sympathy in imitating the actions of those in a fit, 10th. Congeality sometimes produces it,

The local causes, are 1st. fractures, of the skull & compression of the brain, 2d. malconformation of the the brain & skull 3d. tumors, 4th. decayed, 5th. Dr. Short mentions that ragged warts on the ankles produced it, a fit when once formed can be removed by removing all the exciting causes & association. association has sometimes induced incurable Epilepsy, fits occur more in the ~~waking~~ sleeping than in the waking state, this I think may be partly owing to an associations of Ideas in dreams & not wholly to debility which is more general & that time Has this disease ever been cured by nature. No! but

But accidental circumstances, may cure it, It is cured, by puberty, 2d. by pregnancy & child bearing 3d. change of climate & residence always taking care to let the climate be equable, This acts by destroying the chain of formed Ideas, 4th. by the hardships of a military life, 5th. by old age, 6th. Burns have cured it? —

The remedies for Epilepsy are of three kinds, 1st. such as are proper for its forming state, 2d. during paroxisms 3d. for the intervals, But previous to mentioning the ~~symptoms~~ medesines it would be proper that I relate all the symptoms which precede These are, 1st. a Bitter taste in the mouth 2 or 3 days before the fit, an enlargement of the pupils of the eyes, tremors, false vision & preternatural slow or tense pulse pain in the head & right eye & an Inflammation of the tunica adnata, a peculiar odour in the breath, costiveness redness in the face, pain in the feet, a sense of horror, pimples upon the tongue, a trembling of the upper lip & Aura Epileptica the remedies during this forming state are 1st. V.S. if the pulse be tense, or if there appears to be much fullness in the blood vessels of the brain 2d. Emetics when there is a bitter taste in the mouth, 3d. abstinence from animal food & using vegitable diet 4th. gentle purges as sulphur, 5th. a dose of Opium at night, 6th. a cup full of wine, the smell of burning Sul-

phur, Dr. Currie recommends tobacco to be applied to the stomach just before the fits begins, ligatures round the extremeties, when the Aura Epileptica appears from rising keeping it. Fear sometimes prevents a fit from rising, when the fit is approaching, running rising in bed keeping the teeth open with a piece of wood or the like rubbing the head & throwing it back against a wall have all prevented its approach, the remedies during the fit are of fresh air, pressing upon the stomach, to have no more attendants than are necessary, loose all ligatures & tight clothes, keeping the patient in an easy recumbent posture, the blood is always most always sizy & exhibits other marks of Inflammatory action, I lament that no notice has been taken formerly of the different grades & in which different remedies have been useful. ——— ———

The remedies for the worst grades are 1st. depleating remedies & medecines, reducing the blood vessels nerves & muscles gradually below the point of morbid action? the following marks may be noticed, 1st is always indicated by the pulse & the blood is always sizy 2d. milk has often done more good than any other medecine according to cullen, to be effectual the system should be very low before its exhibition, a case of Dr. Clay who fed upon the milk upon a cow who fed upon

Grass & hay, but as soon as she fed upon grains the milk disordered him, I am convinced that much can be done in this disease by low diet, but especially diet by weight & measure. The system rises & falls as a thermometer consequently the attention necessary to suit its changes are very great, 3d. a salivation, it should be kept a month or six weeks, It acts in two ways 1st by depletion 2d by the abstinence necessary its exhibition, In this disease it is difficult to make the salivary glands salivate & V should always precede it. —

II tonic remedies so powerful as to overcome predisposing debility, There were suggested for the cure of Epilepsy by puberty, Pregnancy, Old age burns &c. The vegetable tonics are Mistletoe, bark & opium & stramonium, the Opium should be given in large doses & for a considerable time, to create giddiness & delerium, he had better create a little irregularity in the brain than suffer a continuance of the convulsions of the whole system, Dr. has cured two cases by stramonium, the metallic tonics are steel, green & blue vitriol & white Zinc, each eat, from 1 to 3 gr 3 times a day I have cured several ~~cases~~ children but have always failed in Adults Nitrat Argentum 1/4 gr to 1/2 gr twice a day. a 1/4 to a 1/10 of a gr. Magistery of bismuth in pills or dissolved in aq Font-

Phosphorus & copper have also been used, If Epilepsy depends on a more deep seated debility than fever, it follows that larger doses & more powerful tonics should be given, the usual stimuli are apt not to affect them, consequently we must increase the tone, with all these a cordial diet & drinks, gentle exercise. what would be the effect of a high fever in curing this disease? we are certain that the convulsive fits are suspended by the fever of small pox, In moderate cases of Epilepsy stous or issues to the neck, arms legs &c Perhaps this disease may be a retrograde motion of the nervous fluid, actual cautery to the coronal & sagittal suture & blisters all over the head, clysters of Nectiamna change of Climate &c when from tumors they should be cut out. the stomach should be well regulated for in this disease there is always a morbid appetite, Sleeping on a hard bed is proper & two cases cured by the Itch, Itching always a favourable sign, repelled eruptions may be restored. From a review of the cures for this disease by purging, milk diet & sacch set have majority, Remove the patient from all exciting matters as study &c. Gentlemen, let me intreat of you to try to find out the cure for this disease. — — —

ASTHMA, This is known by a difficulty of breathing no expectoration in the first stage of the fit, but copious discharges towards the end; It is distinguished from Pneumonia by having no fever, from dyspepsia by its having intervals of ease & apparent health, It is sometimes hereditary, it occurs in children, at puberty, 30 & the decline of ~~health~~ life — the remote & exciting causes are great heat. 2d. cold succeed-heat, 3d. Certain dry or moist winds 4th. Certain particles received into & acted mechanically upon by the lungs. 5th. Certain odors as the smell of flowers &c. carbonic acid gas has produced & suppression of Customary evacuations from the ~~lungs~~ Uterus? repelled eruptions &c. The premonitory symptoms are lassitude, uneasiness in the breast, drowsiness after dinner, flatulency, difficulty of breathing. dry & cold feet. The Prophylactics when these symptoms appear are pedeluvium, vomits purges, sitting up all night has sometimes prevented the fit, the heat of the body is at 60 during the fit, the pulse natural, because the blood vessels do not sympathize. the respiration is quicker than in health, the respiration is without noise, & sometimes so sudden as to stop the Glottis, the patient is unable to lie down & feels very uneasy, the most easy

posture the patient can place himself in, is to stretch his legs upon a chair & hold his head forward? by this means the cavity of the thorax will be enlarged? the fits occur in the night & lasts from a 1/2 to 2 or 3 days, it occurs from 1 to 3 times in a year, it sometimes exists without intervals in a chronic form which depends upon a malconformation of the lungs I knew it to occur & continue for 7 years during all which time the patient did not lie down? In recent cases there are no marks of disease, but in old & long standing cases the lungs shew evident marks of disease, it sometimes ends in Pneumony but more frequently in Pulmonary consumption, it now & then ends in Hydrothorax & sometimes in fatuity, a fit of the asthma generally resembles the last struggle in death, it has all the symptoms of approaching death, but cold breath in this disease is not fatal & frequently appears altho' it is fatal in all other diseases, it is seated in the Bronchia, it is divided into spasmodic & pituitous or dry & humid, the spasmodic attacks in early life & the latter or pituitous in the decline of life. ——

The remedies for the cure of this disease divide themselves into two heads, 1st such as are proper during the intervals, the remedies during or proper for

1st such as are proper for the paroxism & 2d such as are proper during the intervals, of 1st the remedies during the paroxism are 1st of when there is much oppression dyspnoea &c the pulse in this disease is not always indicative of the system, as it is not a disease of the arteries only, 2d shews its advantages by shortening the duration of the fit rendering it lighter & preventing those obstructions of the lungs that would end in consumption, Hydrothorax & ascites, even a pale face in this disease should not forbid the lancet, altho a red one is the most common, 2d vomits are of great service by creating a new action, squill tart tartar, spices &c, 3d Purges cold air & drink in great morbid action, when the morbid excitement is reduced, Opium & Lead, in small but frequent doses Asafetida, pediluvium, vapour of hot bath horse raddish inhaled into the lungs, smell of cloves, oxygen gas, Blisters to the wrists, mineral & vegitable acids, strong coffee, tobacco smoking, warm air, there Gentlemen you see cold & warm prescribed for the same disease, different medicines must often be prescribed to suit the different states of the system, City air is generally more agreable for asthmatic patients it being more equable, this equality of temperature may be owing to the quantity of Electricity in a town, or to what produces of bilious fevers of yellow fever as much miasmata &c the barometer shews the change

much sooner in the Country than in the City, Is Asthma a curable disease or can its Internals be prevented? Yes by two circumstances nature & accident, It is sometimes cured by pregnancy, 2d. by the Cessation of the menses or at that period at which they cease 3d. by new disease uniting morbid action to that part or some particular part, 4th. by a change of climate, this depends whether the asthma be dry or spasmodic, or pituitous or humid if the last dry air is proper & vice versa, a sponge filled with water & held in the mouth a vessel of water put on the stove to moisten the air, altho the moist air near the sea shore is proper in the dry Asthma, but in the pituitous or mucous Asthma a dry air is best.

2d. the remedies proper during the intervals are 1st. avoiding Plethora by occasional Plethora, V.S. low diet & avoiding all the exciting causes, 3d. a seton in the side or issues in the arms, 4th. Exercise, by hard labour, Cold bath has been said to be of great service, 5th. a recurrence of old or accustomed habits, diet of Garlic, Oil amber or tar in the way most agreeable to the patient, the habitual use of oxyd of Iron, & in large doses sleeping on a Mattrass, All diseases are more or less of the intermittent form & therefore the nearer these medicines are given to the accession of a fit of asthma the better, Lastly a change of climate occupation & residence &c.

Dyspnea. This is known by a difficulty of respiration & sometimes a cough, the causes are contraction of the thorax, tumors in the trachea, enlargement of the Uterus, Liver &c. pressing up the abdominal viscera & thereby lessening the cavity of the thorax, this disease is often incurable tho' not always insupportable, when it arises from tumors upon the trachea they should be punctured, Case of a patient who had dyspnea & complained of a pain in the throat, I blistered, but found no advantage & she died, upon examination of the trachea I found a tumor with about a teaspoonful of whitish bloody matter the tumor was about the size of a common nut, I am convinced if a lancet had passed between the rings of the trachea at the place of pain she would have recovered, If it arises from pregnancy the body should be compressed by bandages, if from pet exercise low diet &c. This disease is distinguished from asthma by its being continual.

Angina Pectoris. This is known by a difficulty of breathing, attended with great pain in the left & is increased by ascending a flight of stairs, Pain sometimes extends from the breasts to the neck & arms Mamary & jaws, attacks at first not more than one in 8 or 3 weeks but afterwards at shorter intervals, It is sometimes so severe that the patient cannot lie upon his sides, more particularly

the left side, the pulse is trembling, weak natural, intermitting & at times active & tense, It is distinguished from Hydrothorax by affecting the heart principally, It occurs in Gouty hysterical Asthmatical, Hypochondrical & consumptive people, It attacks about 50 but sometimes earlier, the symptoms on dissection are 1st. an unusual quantity of fat 2d. Ossification of the similunar valve of the left ventricle of the heart, 3d. a membrane found in the heart similar to that found in the trachea 4th. a schirrous in part of the liver, 5th. blood in a state of fluidity, 6th. sometimes the heart has been entirely empty, these phenomena have been supposed to be the cause of disease, but they are the effects only, that they are only the effects I infer 1st. because they are always seen 2d. it sometimes kills suddenly, I once had a patient who died walking of suffocation, 3d. all these appearances have been discovered in the liver, mediastinum of those who have had no symptoms of the disease 4th. Epidemics of great force shews coagulating lymph in the form of polipi in the heart It is often periodical, worse in winter than in summer From all these facts we may see that the seat of disease is in the heart & arteries, from previous debility & consequent morbid excitement in the form of Spasm or Convulsion.

The remedies in the first stage or when the

the pulse indicates b/. by this I have twice cured Dr. Johnson found the blood dissolved Mr. B. mentions a case being cured by a spontaneous discharge from the hemorrhoidal vessels, I found the blood very to the very last, 2d purges & low diet, when it is attended by weak moved action the remedies are metallic tonics, nitrate of Argentum gr ss of a go 3 times a day Zinc, white vitriol &c. Issues in the arms & thighs, gentle exercise cordial diet & a salivation & avoiding all exciting causes as running up stairs &c. all the remedies are to be varied according to the state of the disease I once knew it to end in Hydrothorax & was fatal

Hooping Cough, this is know by a convulsive cough, a sense of strangulation, a sonorous inspiration, & several repeated to one Expiration, sometimes vomiting - blood is sometimes discharged from the lungs & nose, when from the nose it is favourable, I have seen it with & without cough, It is sometimes Epidemic, I agree with Cullen when he says that it is sometimes attended with fever & that of the catarrhal kind, Epilepsy, apoplexy & convulsions are brought on by a fit, It sometimes ends in consumption & sometimes otherwise fatal, a violent fit of coughing has been known to end in hemorrhage, It is propagated by

contagion & affects children chiefly, It generally last 3 or 4 weeks but sometimes lengthens it course to 3 or more years, I have seldom found it fatal I do not say that I have cured it but I have mitigated its attending pain, the remedies when there is much morbid excitement are 1st V. when the pulse indicates it, 2d Vomits which are of the greatest importance, Squills are commonly used but Ipicac & tart tract will do, Antimonial wine, they should be often repeated, 3d Purges the best of which are Calomel & Rhei 4th Cold air this is more useful when combined with gentle exercise, 5th Fear acting as a sedative, when the morbid excitement is reduced the remedies are tonics, as Carb steel, 20 or 30 gutt of the ℞ Ofa fœtida 3 or 4 times a day I have found of Great use Zinc soach saturn, oil amber tract Cantharis, to the feet & breast garlic to the feet gentle exercise In protracted cases issues are proper.

MEMORS There have a great connection to Poly they arise from strong drink, working amongst lead mines frightful &c. there affect the limbs & occur generally in Old age, they first appear in the hands, then in the head & neck & lastly in the tongue, the cure consists in avoiding all the exciting causes & using depleating or tonic remedies according

to the state of the system, but we cannot cure them in old age, because old age is an exciting cause, tumours in old, decay age, at night this is owing to the muscles giving up their excitement to the blood vessels & rendering them more full, this shews the necessity of tying the blood vessels for their cure a schoolmaster slapt tumours in the hands of his pupil by ligatures? —

Convulsions, these are often induced by great pain & plethora, all the remote causes of fever ~~pro~~ induce them the remedies in convulsions from pregnancy are copious & likewise from parturition, cool air Liquid food, when from ination cordials &c. convulsion from gulle may be treated as in fear, convulsions in the last stages of diseases are to be treated with cordials &c.

Tetanus, refer you to my enquiries for an account of this.

Chorea Sancti Viti, this is known by certain convulsions of a ludicrous appearance, it generally affects young people between 4 & 10 years of age & generally affects one side or the leg & arm of one side only? I once saw it in an old man of 70 & in one hand only, the fingers are only sometimes affected. In children it is often

brought on by worms. The remedies are 1st ℞ this I have found useful in some cases 2d Chalybeate medicines 3d Bark & ore of Amber 4th Cold bath & salivation 7th Exercise &c. This is seldom fatal at least I have seldom found it so, It has always yielded to the above remedies under my care.

Hiccup. This is a convulsive motion of the diaphragm, It sometimes occurs in fevers & it is now & then a local disease, Laughter & liquor often produces it, I have seen it produced by eating an apple probable from the extractive of the apple, Infants are most subject to it, I once knew it to continue 2 weeks and at another three years, The remedies are to be suited to the state of the pulse, ℞ if it occurs in fevers of great morbid excitement but in a chronic or decline of fever tonics are proper ℞ Land & ol Amber, when it is local the remedies are fear it is a certain cure Joy, Ginger tea, large swallows of water, holding the breath & salivation has subdued it but it has never cured, Blisters also have relieved it.

Cramp This occurs in every part of the body particularly in the lower extremities, Pregnant women are subject to it in the abdominal muscles. It is sometimes symptomatic of Cholera Morbus

It often occurs in sleep in consequence of distraction & in swimming in consequence of the increase of ~~irritability~~ excitement by action The remedies for it in time of pregnancy are opposed by Dr. Pl. says he has taken in time of pregnancy 100 ozs of blood for the cramp cramp short purges Laudanum, when it seizes the whole body the remedies are the same, when in the extremeties, rising out of bed if the patient happens to be in bed when it occurs will frequently cure him, friction tight ligatures above the knee squeezing balls of sulphur in the hands.

CHOLIC, not the cholic which is one of the intestinal states of fever, this Cholix which we now treat of seems seated chiefly in the fibres of the alimentary canal, Cholic this is known 1st. by prevailing when bilious fevers are common 2d. by a discharge of bile upwards & downwards 3d. by occurring in fevers preceded by chills, I will here speak of cholic in the alimentary canal & in its muscular fibres, this is attended with great pain, suppression of urine contraction of the bowels, a sense of twisting at the navel hiccup, tenesmus, costiveness called Cholera Pictonum or dry belly ache intwisted tetanus, sometimes fæces are rejected by vomiting, few recover when this is the case, it is induced

by all the causes exciting Gout, Hysteria &c. 2d. unripe fruits of
effervescent liquors, fumes of lead, sour milk &c. 3d. by diseases of contig
uous parts 4th. by a deranged state of the bowels from intro susception rupture or costiveness, the exciting causes are most of the remote as strong tea, cold feet &c. debility is its predisposing cause & spasm tonic or Clonic its proximate cause, when there is great pain the peritonical coat is more or less affected, are there any premonitory signs to this disease, Yes? cold & damp feet flatulency & in this state a purge or a few drops of laudanum, stimuli when the premonitory symtoms appear are food riding on horseback a few miles, the cure divides itself into two parts viz for the paroxisms & in the intervals for to prevent a recurrence of the paroxism, are 1st. Vs to prevent fever or Inflammation & death without fever, Vs ought to be more copious, when the disease is from Gout or an affection of the kidneys, it should be continued to reduce the pain & pave the way for Opium, which after the reduction of the system, it should be given in small doses & repeated untill ease is obtained, asafoetida is said to prevent palsy in the limbs, water impregnated with tobacco smoke the seeds of burdock made into a tea, after the pain in the bowels cease, gentle purges, opening Clysters

which may be given to stimulate by their quality as turpentine &c. or from their quantity ℞ Frankincense, saffron & myrrh aa ℥ss & opium ℈j this is the common treatment the time when to give purges is when the pain is felt above below the navel, warm bath is not to be omitted, Blisters to the legs wrists & thighs, I repeat it again that the skin & intestines act like antagonist muscles: that while the action of one is increased the other is diminished, relaxing & stimulating applications as sweet Oil, Hartshorn & Sand rubbed upon the belly &c. Glysters of cold water ℥ ℔ or ℔ sometimes cure by distention, Cold water thrown upon the belly, its efficacy is by producing a new action, a salivation this is a certain remedy the bowels open as soon as the mouth becomes sore, The favourable symptoms are a discharge of wind downwards with a crepitus, plentiful discharge of urine after being suppressed, gentle sweats a discharge of Scybala or worms, great sensibility of the skin, a diarrhœa or a gripping pain below the navel It sometimes ends in Palsy of the lower & upper extremeties, which is the consequence of leaving them to wear down the irritability, by prevents this, The prophylactics of this disease are avoiding all its remote & exciting causes, particu

Costiveness to obviate which the following is an excellent remedy ℞ Cream Tartar, Salt of Tartar & Cream of Tartar aa one teaspoonfull M. Q. S If it be brought on by working among lead leave off the business Oily Aliments & warm drinks are proper to prevent it The feet are to be kept warm & dry particularly. This disease is now much more rare than formerly owing I believe to the more frequent use of flannel the disuse of punch & also the disuse of heavy suppers. Regular exercise especially on horse back is proper & lastly the Egyptian belt.

Diarrhoea.

This is known by frequent stools without fever black green or white stools the two first are owing to an increased secretion of bile the latter to the absence of bile altogether in some cases I have called it a Gonorrhoea of the intestine it was formerly called the Coliac flux. sometimes the Pus is discharged or mixture of Pus & Blood, Aliments are sometimes discharged but little changed, Chronic diarrhoea or that without fever occurs both in night or day or in either separately It is always preceded by a general or local debility the causes operating generally

are irritants over the whole body. cold heat fever &c in the
local Causes are acrid matters impure diet the smell of
privies. worms active purges sometimes an absorption of
Pus from other parts of the body discharge of an abscess from
the Liver into the intestines called an hepatic flux or
lientery of the Liver obstructed lacteals & lastly bile. It
occurs in middle life about the time when the change
of arterial for venous plethora takes place at which
time it often continues for months & even for years
without injury Sailors are subject to it from cold, fatigue
& bad aliments Pregnant women are often subject to it
Sometimes it follows dysentery It is called in Virginia
the downward Consumption. the Remedies are 1st
V.S. in plethoric habit or state remember a case of a Brown
Cured in 1802 by V.S. Sydenham speaks lightly of it
all Medicines when the pulse is full & tense in this
disease will do harm except V.S. which is our only remedy
2d Purges the best of which is Rhubarb 3c Vomits
of Ipecac. 2 or 3 times a day Tonics. Ipecac Rhubarb
aa 2 grs Opium 1/2 gr 2 or 3 times a day Dovers powders
Astringents the powder of Chalk. tinct of Guaiac Lino

Vermentie, extract of persimmon, galls ℥ss nutmeg or Cinnamon ʒii Aq. Font. ℔j ℔ boil them to half pint strain & add as much spirits as the water left with a little Sugar. port wine, diet suitice to the State of the System If the Stools be dark a vegetable diet is proper, as rice, sago Arrow Root &c. ℥ green animal and alkalescent diet. sometimes there is a morbid acrimony in which case demulcents should be used, as toast & water, flaxseed tea, mallows, Gum Arabic dissolved in cammomile tea, a diet of milk sometimes blunts the acid, In chronic diarrhoea, blisters are essentially necessary to be applied to the legs & wrists alternately & even longer, Where sag-am repeat the skin & the bowels antagonist muscles? Glysters of starch or of ipecac ℥ss Laud gutt xxx aqua font ℥viii, tart Antim in injections is excellent especially in the gonnorhea of the intestines, warm & cold bath, wheat flour & brandy equal parts a salivation, this often succeeds after all other remedies fail it is chiefly usefull in diarrhoea where the liver is affected which is often the case, a disease of the liver should be suspected when ever the stomack is affected in its functions Caustic to the region of the liver, exciting the arterial system by mustard or warm applications, Keeping the feet & stomack warm, applying bandages around the

around the abdomen are all proper, when it is from worms remove them when from gout in the feet invite it to return 9 cases out of 10 would be cured by a Blistering.

Costiveness this is a relative term, some habits require more stools than others, I knew a sailor to pass from lisbon & back without having a stool, In such cases the faces are absorbed by the lacteals, but most people require a stool a day, the causes of costiveness are certain aliments & drinks particularly cheese red wine &c a sudden change from a rich to a low diet & vice versa, exposure of privies, certain matters obstructing the passage of faeces, condylomata from piles &c the remedies are rising & exposing the body too cool air, thin diet by causing the fluids to incline internally, we should never make violent exertions to ~~destroy~~ charge our faeces, for by so doing we may destroy our intention & produce many disagreeable symptoms, our diet should be a gentle laxative one, as corn meal, milk roasted apples & ripe fruit, laxative medecines as cream tartar flow sulphur, hiera picra, rhenbarb, aloes & butter nut pill should be used in the chronic form, when the contents of the intestines are to be discharged only, they should not be employed, only when we wish a purgative effect, aloes are apt to induce piles & the butter nut pill determines much to the head.

a warm room is proper for the patient to discharge his stools in cold weather, avoid all remote & exciting causes, sometimes it depends upon a torpor of the alimentary canal, in this case steel oil amber, bark mustard &c. should be used, If it arises from detained fæces remove them with a scope, If from Condyloma ta remove them with ~~scissors~~ ligatures, but never with a knife or scissors, the following are the signs that the intestines are in a proper state & perform their functions 1st. a stool every day & that in the morning 2 no wind preceding such stool 3d. the stools neither liquid nor hard, but of middle consistence of a pale yellow colour 4th. stools not cut into fuggments, Flatulency is often a symtom of costiveness & is easily removed by tinct raddish mustard &c.

Dyspepsia The symptoms of this are want of appetite, sometimes there is great appetite & no digestion & vice versa, vomiting sickness at stomach flatulency, gastrodynia or pain in the stomach cardalgia Eructations Pyrosis or water brash, sometimes there is a great appetite for putrid food feathers &c. Previous to mentioning the causes of this distressing disease, I will deliver a few remarks, the stomach is a faithful & accommodating & faithful viscus, it is the conscience of the body Dr. H says it is the seat of the soul the stomach is connected with the mind & its being

has different operations on different people, talents are much influenc-
-ed by it, the stomach moreover influences the temper, It is connect
-ed with longivity, I never knew a very old man to be troubled with
this complaint, our virtues & vices are connected with the stomach
or indirectly thro the medium of the whole system, the causes
acting directly are Coffee tea Ardt Spts, the use of butters before
dinner, a repletion of the stomach with gross aliments or mix
-ed with a large quantity of fluids, diluting the gastric juice,
the application of heat & cold successively to the stomach, ali
ments swallowed before they are sufficiently masticated
called bolting, the frequent use of emetics, rejection of saliva
excessive use of sugar, swallowing cold water at bed time or in
the morning, obstructions in the liver? Mercury? this cannot be
given more than one month without bringing on this disease
the causes acting indirectly on the stomach thro' the medium
of the system are indolent & vexatious life, Pregnancy, suppres-
sion of sweat upon the feet if fœtid, gall stones, diseases & disor-
ders of any of the neighbouring viscera especially the kid
neys spleen, & Kidneys, decayed teeth, the most frequent causes
of dyspepsia in the country is living on cabbage and aliment
& having a great appetite & burning in the hands & the conse
quences of which are swelled legs &c the remedies are of

2 kinds palliative & radical, the palliative are first salt dissolved a teaspoonful to the cup of water rendered acid by lime juice or a few drops of Muriatic acid, in the morning before breakfast as hot as can be taken, Magnesia, Chalk lime water &c. 2d the volatile alkali & alkaline salts ℞ sal ammoniac ℥ss lime juice ℥ss ℞ water ℥ij unskimmed milk is very good, the acid of the stomach decomposes the milk & there is more oil in unskimmed milk, a few grains of pepper after dinner a few drops of Laud, a blister to the pit of the stomach, moderate compression upon the stomach, charcoal in pills when there is a canine appetite give sweet oil, It is said to blunt or dilute the gastric juice, morbid acrimony of the Gastric juice — milk and vegitable diet, boiled turnips, Ipecac, & white vitriol are the best vomits, The remedies for the radical cure are bf if the pulse be tense or full, It is often attended with a chronic inflammation of the stomach & with a Synocha or Synochula pulse, emetics purges, when costiveness attend they should be lenient, the diet should not be changed for every new article is an offensive stimulous, where there is much excitability in the stomach salt meat, which is difficult of digestion, when the morbid action of the stomach is reduced, which is known by the softness of the stomach &

absence of pain, stimulants & tonics may be given as bitters of all kinds chamomile, quassia infused in water, black pepper in spirits from tea to a table spoonful the dose tar pills & garlic saline & metallic tonics elixir vit, the preparations of Iron, sulphuret ferri from 10 to 20 gr with five grains of Ginger or any vegetable stimulous a diet of solid animal food only, wild preferable to tame & beef & mutton to poultry & veal, good butter in this disease, & liquids of all kinds are to be avoided, drinks ought to be avoided during a meal, 1st because they hasten fermentation 2d by causing the food to rise above the gastric juice 3d by hastening it into the duodenum, before sufficient digestion takes place, In this disease a regulated diet is better than medicine, It is the drink generally taken into the stomach that makes them sit ~~as poison~~ not easy upon the stomach & not the oysters themselves to render the diet effectual, take them alone & if the stomach reject it take them lying in bed, In debility much injury is done by using out of bed to dress &c. To induce an appetite avoid even the smell of food & take care not to sit down to a plentiful table as it effluvia often obtund the appetite, a patient is often induced to eat the food sent from a neighbour the best way of retaining food is to eat little & often, a recumbent posture of the body, aliment of one kind only

only at a time, It is common to forbid butter but I have never found it hurtful, it is found to resist fermentation & when will be used with safety & it may be continued, if there be no head ache & it is not rancid, the stomach should never be quite empty as it is apt to cause great debility The drinks, may be wine, porter brandy &c.

Nitric acid & sulphuric acid ℥j

Old spirit — 4 ℥j

Water one quart sweetened with sugar or honey, is a most excellent remedy! If the stomach will bear it supply in the place of brandy toast water made palcatine with some herb

Gentle exercise avoid costiveness & all exciting causes cold & wet feet, If all these fail, especially if the liver, pancreas, spleen or uterus be affected, & if the pulse be tense or great pain, it is indicative of great morbid action, It sometimes ends in Inertia where there there is no sensibility & irritability, the food passing unchanged from the stomach, this I call Gastralgia it sometimes ends in Schirrous & cancer of the stomach & pylorus, which carries of the patient in great agony, If it arises from sea sickness, use ℞ gentle laxatives just going to sea, lying with the head low, cold bath &c. ℞ Brandy & salt water aa ℥ii If from the intemperate use of Spirits, the remedies formerly mentioned, if from pregnancy the remedies to be mentioned

Hysteria

This form of fever is confined chiefly to the nervous system, stomach & alimentary canal, but now & then it affects the bloodvessels — the symtoms are a rumbling noise in the bowels, screaming a sense of rolling a sense of strangulation, globus hysterius, cold sensations in the head lassitude, convulsions pale & copious urine in the fit the passions vehemently expressed laughing one moment & crying the next love or hatred, sleepiness or faintness, now & then Asphyxia coldness of the extremities limulag palpation of the heart, rheumatism salivation, it counterfeits every form of chronic diseases in the internal, the pains of hysteria attack in the back or limbs & are seated in the skin membranes & now & then in the muscles, In hysteria a swelling comes on in the face & hands in the morning wh. is from habitus & is distinguished from dropsical swellings, by their only occuring in the morning & generally disappear by washing the hands & feet while dropsical swellings occur in the evening & are from water, In hysteria the mind partakes very much of the mobility of the system, the patient laughs at the most trivial appearances & thoughts, It affects women from the time of puberty to the cessation of the menses, It affects chiefly the weakly habits but sometimes the robust —

It is distinguished from all other diseases, by being confined to the nervous system, the pulse in a paroxism of hysteria is seldom tense or full, when it is, it is called hysteria plethonica, the pulse becoming full & tense commonly suspends Hysteria, likewise a canine appetite coming on? Hysteria is distinguished from hypochondriasis by affecting women more than men, by swelling of the thy thyroid gland called globus hystericus, by occurring most in warm weather &c. the Globus hystericus the women being more subject to it than men by hypochondriasis being cured by moving to a warm climate, while hysteria is cured by moving to a colder by not being attended with a durable alienation of mind, these diseases are often blended together, Hypochondriasis often goes off into hysteria & vice versa, the remote causes act upon the body & mind 1st on the body, as plethora, an inordinate flow or sudden suppression of the menses, flow alius, strong drink tea coffee, impure air &c. 2d on the mind as Anger malice, Love jealously the venereal appetite are all the exciting causes, the predisposing causes is debility of the moving solids, this is brought on by an increase of Mobility brought on by sudden sensibility? Mobility in the Nervous system & alimentary, any of the remote causes applied with sudden or unusual force, constitutes the exciting cause, an excess of sensibility & irritability produces Mobil.

bility. The proximate cause is morbid excitement in all its forms of spasms convulsions &c. the cure of this disease divides itself into two heads 1st. Such medicines as suit the paroxisms & 2d. such as are proper for the intervals, 1st If when attended with plethora, which is the case generally from suppressed menses, Hysteria with plethora is much more common than is supposed, 2d. In the time of the fit give a stimulating Injection with asafoetida, odours to the nose pediluvium, garlic or mustard plaisters to the legs & arms, as there is frequently a retrogade motion in the intestines by wind, the ly-ster pipe should be kept in to draw it off, I once saw a case that the sphincter ani snapped off and swallowed a part of the pipe, If asphixia occur, dropping water upon the hip, If all there fail as soon as the patient can swallow give land or flour & water to expell the wind cold water cordials blisters, bitters of all kinds, there to prevent the recurrence of the paroxisms bandages to the body, but not nourishing diet, salt meat is stimulating but not nourishing when patients grow feverish after their use tonics should be forbidden, Exercise, amusing company &c. the excitement of a study passion as fear or Grief avoiding all acids in our food or drinks, a change of Climate Matrimony, When cured by time the nervous changes for some other predisposition

Diseases of the Mind.

A certain Professor in this part of his Course used to say that these diseases were seated in the mind & that of the mind we know nothing & so pass them by. Neither of his assertions are true the diseases are not seated in the mind & of the mind we know a great deal. We know much more of the mind than of the body I was taught to believe that derangement existed in the mind but Observation denies this & I now believe that it has its seat in the body. The faculties of the mind are Namely Memory, Imagination, Understanding. Passions. Sense of faith. The passions are divided into Emotions & Passions the former relate to some present good the latter to something future. The moral faculty. Conscience & Sense of Deity. The Operations of the Mind are five. Perception Association, Judgment. Reason, and may be ~~Remembered~~ remb'd by the word P. A. J. R. none of these can be excited without the external Senses. & also volition this takes place after perception The subordinate Operations of the mind are Attention &c. Reminescence &c are modifications of the 4 principal Ones they are the internal senses to which the external are Avenues and there can be no Operation of the mind but thro' the medium of the external senses. Nihil est in intellectu quod

non pervious incessu? The operations of the mind & brain in its healthy
ne regular & uniform, but irregular in disease, there can be no ope
rations in the mind without motion in the brain? & each Idea & thought
must have its specific & distinct motion in the brain, the stomach dis-
covers Inflammation from heat, the bowels spleen discovers marks of
Inflammation in Mania, the mind as well as it is defended would
suffer greatly where it not for the interpontion of the Spleen stomach
& Liver & bowels, if if were not for this, apoplexy, Mania &c. would be
very common, when the spleen is much distened with blood, the sto-
mach lends it office & the Liver last, Persons affected with low
spirits are called splenetic from its affecting that viscus, that the
spleen liver &c. are not the cause of madness, I infer from obstruc-
tions of those parts producing no alienation of mind, they are only
the effects, delirium occurs mostly in the last of fevers, as the brain is
nearly worn down, The bowels & the thyroid gland seem to protect
the brain in Hysteria, that the use of the thyroid gland is to pro-
-tect the brain, I infer from its situation from its having arteries
to supply it & no excreting duct, from its being larger in women
than, I shall say hereafter that women are more subject to Ma
-nia than men, from the effects produced by disease on cutting it
away & madness produced in dogs by cutting away the thyroid
Gland, It seems particularly adapted to defend away

class of impressions viz those which arise from long & loud speaking the Globus hystericus is nothing more than an enlargment of this gland occasioned by excitement passing from the mind to it?
It is said that Mania is situated in the mind, it is no so, I infer from the mind being often found in a state of Melancholy, again love Grief &c. may exist for ages & not produce madness without first bringing the bloodvessels into sympathy, Cullen has placed the proximate cause of this disease in the nervous system, but it is not so, I infer from derangement not being produced by Hysteria which is certainly a disease of the Nerves, nor is it produced by Epilepsy which is a nervous disease, In the interval of Epilepsy fits, the faculties & operations of the mind are as clear & easy as in any other state & in fevers, morbid action is often translated from the Arterial system into the brain & nerves, so in Epilepsy the morbid action is sometimes translated from the nervous system to the arteries & brain producing mania, but that mania entirely distinct from the nervous diseases? The Dr. is convinced that mania is seated in the arterial system, without arterial there can be no mental derangement, there is nothing specific in the morbid action affecting the brain, many of the remote & exciting causes are the same as produce fever &c. —

to prove this we must attend to the state of the system & the phenomi-
-na or symptoms, 1st a sense of fullness or pain in the part affected,
head ache 2d a full, frequent or tense pulse or morbidly slow or nat
-ural as to frequency, but sometimes oppressed & slow, When the dis
-ease is carried from the tonic to the atonic state the pulse becomes
natural & weak 3d wakefulness this is a sign of fever & this
occurs in madness 4th a white tongue but never dry this oc-
curs in fevers, the same in P. Consumption, In no fever does the
tongue give such strong indications as in this It sometimes
appears in a Typhus form with muttering & an involuntary
discharge of fæces. The Muscles in Madness still retain their
excitability. 5th The blood indicates great Morbid action is
sizy The Serum is sometimes of a red Colour being stained
by the red Globules. Say he found two brains
yellow in this disease. 6th I infer that madness is
seated in the bloodvessels from its being produc'd by the
same Causes which produce apoplexy & Hydrocephalus. 7th
From its occurring in those periods of life, Seasons & Countries
in which diseases of the bloodvessels are apt to occur 8th
From its occurring in certain brute Animals who would
scarce if ever possible from any operation or affection of
the mind. 9th From its being cured by the same medicines

which cure morbid excitement in any other part of the body 10th.
By its alternating with other diseases evidently of the
Sanguiferous System. I have known Consumption to go off
in Mania. It alternates with Rheumatism, Intermittent
& Puerpal fevers dropsy &c. 11th by having all the usual
varities of pulse in fevers 12th From the Compression of
the Carotides producing a temporary cessation of the disease
13th From their being no trace of inflammation in the
brain when the patient has been carried off by an abscess
in the lungs & rain 14th By its appearing in the forms
of fever. It is accompanied with remissions intermission
& lucid intervals: 15th It is accompanied often with sweats
like those which occur in Malignant Fevers. a Patient
in the Hospital used to be perpetually involved in a
fog or exhalation from his own body 16th from its
discovering other symptoms of fever as Costiveness, Cold
heat involuntary stools patients talking to himself &c.
17th Madness has been Epidemic from the same Causes
which gave rise to Common inflammatory fevers and
lastly from the symptoms which succeed inflammation
in other parts of the. as distention of the vessels. Schirrus

water. pus &c. occurring in mania. From the blood drawn exhibiting the same appearance as in fevers. buffy Coat yellow Serum from the appearances after death being nearly the same as after Phrenitis & Apoplexy viz. no Sign of disease at all this is lys frequent here than in Phrenitis Inflammation & effusions of water &c.

The preternatural dyness. hardness of the brain so often Mentiond in Chronic madness is nothing more than Schirrus this influences its relative gravity. Dr Martins a Case of a brain being 7 times heavier than one of the same size in a healthy state This hardness or schirrus in the brain occurs only after Chronic madness which has a Considerable effect in increasing the weight of the brain, L. Lentaud says this appearance of the brain was durum sicum frederum & exicum but this is not unusual for it is sometimes preternaturally soft as in Rheumatism the bones are sometim enlarged so the mania the Skull is enlarged. sometime the thickness of the bone is diminished I have only met with two Cases in which there appeared to be no disease or morbid action I found in the year 1793.

that disease might transcend Inflammation & that by reaction the blood would be thrown off from the diseased part into the body of the circulation, the morbid appearances in the spleen is a proof that the bloodvessels are affected; from all these facts & observations we may conclude that the proximate cause is morbid excitement, Madness as to Phrenitis a Consumption is to Pneumonia that it is a chronic state of an acute disease. I have seen the liver affected, this is probably when the disease is brought on by intemperance, in the use of Ardt Spts. the specific operation on the Liver you are acquainted wth. I therefore conclude that there cannot be an aberration or derangement of the mind without morbid excitement in the bloodvessels or in in other words without fever, I infer that the morbid excitement producing madness is seated in the bloodvessels by its being cured by exactly the same remedies as cure arterial diseases in other parts of the body, It has been said to affect strong & active (men with) most, but this is not correct Madness affects under puberty, I have heard of children having it? the reason that children are not subject to it because the mental impressions are too transient to affect them, women are more subject to it than man, In consequence of the predisposition to it from menstruation &c.

In the poor it is prevented by the cessation of bodily suffering, In warm climate, madness is less common than in cold, It seldom in young or very old people, Maniacs are said to have no title to longivity, There are 2 reasons that old people are not affected with mania —

1st The blood vessels loose their vibratility —

2d the predominence of irritability over sensibility causes impressions which are made to be feeble they act by bringing on debility

Depression &c Injuries show themself more slowly here than in other parts of the body mania generally comes on between 20 & 45 there some exceptions, the remote & exciting causes are direct ~~& indirect~~ which act on the body & indirect acting thro' the medium of the ~~body~~ mind, The remote causes which act upon directly are 1st mal conformation & lesions of the brain, the effects produced by these injuries are sometimes 15 or 26 years from the time of accident 2d local disorders of the brain 3d certain diseases affecting the whole body as Gout consumption &c fevers of all kinds & great pain 4th great labour or exercise 6 suppressions of the usual discharges 6 sudden abstraction of the stimulous of distention excess in venery Turon Uterinus onarum night shade or stramonium & irritation of foreign matters contained in the system translation of certain diseases to the brain particularly scrophula fumes of lead by other diseases as apoplexy Epilepsy & Chorea St Vite, a case of a Pa

-tient having chorea St bite which went off as soon as attacked with ma-
-nia & as soon as relieved of mania was again affected with chorea, if it
comes on in St vitus's dance it generally goes off in the same manner
the influence of the moon worms &c. persons attacked by the effects
of the fumes of lead, bite their hands tear their flesh &c.
Insolation &c. by hysteria Hypochondriasis & transfusions of blood
from one animal to another has been known to produce it,
The causes which act through the medium of the mind are 1st.
those directly by the understanding as intense study, the Philos-
ophers stone, a sudden transition of the mind from one subject
to another, 2d. indirect thro' the medium of the Imagination 3d.
the understanding is injured by committing pieces to memory
4th. the undue or improper use or exercise of the passions, a super
saturation of human happiness & violent & irregular exercise of
the moral faculties, the motions preceeding each operation of the
mind are regular in the healthy state in the diseased they are
irregular, there is a morbid sensibility in the Conscience as pro-
ductive of error as disease in any of the external senses, hence
madness occurs more from Imaginary than real guilt, fasting
& melancholy leads to superstition & so superstition leads
to melancholy, fancy & conscience combined often produce mad
ness. there is a derangement of the moral faculty by joy

& religion, Religion has been charged by some authors as having a natural tendency to produce madness, this is so far from not being the case, that it is the best preventative by learning us how to regulate our passions, whether madness resides in one part only I cannot tell but I am certain of this, that when one part becomes affected the whole feels, all the causes act more in persons predisposed to it by having maniacal parents & the descendents are more apt to follow the Mother than the Father, the greater the predisposing cause, the lighter the exciting cause necessary to produce it, Madness is different in degree as it affects different faculties, The lowest affect the understanding only, which is called Melancholy & is only a higher degree of hypochondriasis this particular derangement is very common, Madness is more frequent from causes which act upon the body, thro' the medium of the mind, than those which act directly upon the body, All its causes act by producing debility of action or abstraction, Madness seldom occurs in young people, because mental impressions are too transient, as irritability predominates over sensibility, the delirium arise from bodyporal not mental impressions? the mind in a hypochondriac is united to himself whilst in Melancholy it extends to other subjects, Diffness appears to be the connecting link between Melancholy & hypochondriasis, this particular derangement

is very common, By derangement I mean every departure of the mind whether in its perceptions judgment or reasoning from its natural & habitual order, accompanied with corresponding actions, under this term I include all the forms & grades of all the Diseases & disorders of the mind, rare disease among savages, when intense study produces it it is not in persons of the brightest intellect but rather in persons of weak understanding with strong passions, the highest degree of intellectual derangement is where perception is affected I mean every departure of the mind from its natural & healthy order, the operations are 1st In the number of faculties concerned 2d as they extend or regard different faculties or their operations 1st it affects the understanding as it relates to the patient himself who often imagines himself transformed into different animals 2d It affects one faculty or madness on one subject this is called Melancholy or partial insanity Hypochondriasis is when the mind is wrong with respect to one subject 3d derangement upon all subjects which is universal madness this is the highest degree of madness this different in degree 1st it is so violent as to prostrate the mind & destroy perception by deception this is the highest degree of madness this different in degree; where these diseased perceptions occur they mistake friends & all objects, this diseased perception is caused

by dissease in the organs themselves or from diseased action in the brain, The same degree sometimes occurs in the delirium of fever? To account for this we must recollect that a conespondence of Ideas thoughts with impressions depends upon the sameness of perception, which produced the original thought or Idea, which can only take place when the brain is in an healthy state, the diseased part will not vibrate to the impression as when in an healthy state & consequently the idea which depends upon the vibration will be difficult, another trace of diseased perception is seeing a number when there is only one, This depends upon the nerves, if we press the eye we see a multitude of objects 2d. Madness in the understanding produces false association as when the patient knows his friends but thinks they wish to injure him, the associations are deranged, 3d. a lower grade is by producing false judgment, but with just or true perceptions sometimes the judgment is true perceptions false & vice versa 4th. Erroneous deductions from perceptions & which are true, Locke says a madman argues wrong from right principals, the maniac reasons true from wrong principals, "that madmen are not generally deficient in reason but they reason wrong from right principal 5th. Quick & rapid perceptions without associations?

Madness produces 1st false perception or as some have called it dis-
eased perception, as when corresponding with ideas & thoughts depend
upon the sameness of the impressions, another diseased perception
when one object only is presented & increased to many in the
mind, There may be true Perception & association & yet derangemt.
in reasoning & vice versa, To have a true & just mind there must
be just perception & association quick & correct, correct judgmt.
& strong reasoning powers, Derangement is seated sometimes
1st. In the memory when the understanding is correct, 2d.
there is derangemt. often in the will, Murder is often committed
by derangemt. seated wholly in the will & the understanding at
the same time 3d. derangemt. is sometimes seated in the moral
faculties 4th. In the passions 5th. diseases of the mind, and in dis-
orders & fatuity wh. I call manalgia, 2 or more often affected
at once in rotation & successions & alternately

Partial Insanity under this head are includ-
ed Hypochondriasis & melancholy which is a higher grade
of the same thing, Hypochondriasis or what I call sciatan Mani-
a is when the mind is in error on one subject & that relating
to the patients own personal affairs, In Melancholy the er-
ror relates to something independent of himself, this I call
Areto Mania, I object to both the terms Hypochon & Melacho

as conveying improper ideas of the nature of this disease, In melancholic as in all diseases of the mind the Liver is more or less affected, but the term of Melancho, would leads us to suppose that the disease depended upon black bile which is not so, Both the forms of partial Insanity blend their symptoms, alternate & succeed each other —

Hypochondriasis This is so called from its affecting the Hypochodrian's region, as the Liver spleen Pancreas &c. the obstructions that often take place are the effects & not the causes of the disease, the causes are the same as in dyspepsia with the addition of flour albus, repelled eruptions piles, & above all distress of the mind, This distress of mind arises from several causes 1st. Quiet &c. It is attended with Costiveness & diarrhœa, It is distinguished from dyspepsia 1st. by its being a primary disease while dyspepsia is often symtomatic 2d. by its being a less frequent disease, 3d. by occurring in the decline of life, Children born of aged parents are more subject to it than others, It is distinguished from hysteria 1st. by its affecting the bloodvessels primarily, 2d. by their being fever & spasmodic affections, also by its having the Globus Hystericus 3d. by its affecting men more than women 4, & most of those of a sedentary life 5th. By alternate diarrhœa & Costiveness 6th. by being relieved by warm

weather. 6th by symptoms of dyspepsia & continual low spirits by its affecting the bloodvessels of the brain & there being no stability in the mind. Hysteria generally affect the nervous system whereas Hypochondriasis the arterial & may be called a higher grade of Hysteria there have been many disputes whether they are of the same disease Dr. R. settles them by observing that they differ only in degree. Hysteria is to be Hypochondriasis what Typhoid is to Typhus fever. Dyspepsia appears to be the connecting link between them which seldom appears in Hysteria unless it appears in a higher grade Hypochondriasis I do not say that Hypochondriasis always succeeds Hysteria the latter being accompanied with more irritability is relieved by cold. & one of its most unequivocal marks is that warm drink & warm air is disagreable. They may either run their course favourably or unfavourably without changing into many other disease. Hypochondriasis is more difficult to cure than Hysteria in the same proportion that Typhus fever is more difficult to cure than Typhoid or inflammatory fever. The remedies are of 2 kinds direct on the body & indirect. Indirect on the body thro' the medium of the mind. The 1st namely the direct

those that act directly on the body are 1st. V.S. if the pulse be tense & full its advantages are evinced by accidental haemorrhagia I have heard of a man who fancied himself a goose and lay upon straw several days supposing he had eggs under him at length feeling himself hungry he, when Dyspepsia occurs use magnesia it is more necessary as the patients desire to eat uncommonly. 2d. Purges they are indicated by costiveness obstructions of the viscera & torpor of the alimentary canal these should be of the most drastic kind as Aloes. Gamboge. Colocynth Hore diet & after the pulse is reduced Cordial remedies may be used as the preparations of Iron Opium. this is called Medicina mentes. tea & Coffee are highly grateful & proper warm bath & avoiding cold drinks. Madeira & other good wines the last of which is good old claret. Musick which should be at first plaintive & afterwards cheerful the cold bath this should always succeed the warm. if all these fail use Mercury so as to excite a salivation this translates morbid excitement of the brain to the mouth exercise chiefly of the passive kind. excitement of pain by

by whipping. mustard to the feet answers very well
frictions if from worms they must be dislodged by the
usual remedies if from repelled eruptions solicit
their return. I have known it twice cured by the
Itch. The remedies which act indirectly thro' the
medium of the mind Before we mention them
it will be proper to mention the Symptoms in the
mind. 1st. the patient is apt to think he has
every disease mention'd in the Nosology he imagines
he has worms gravel venereal disease. pulmonary
Consumption & even if he has never had them before
he thinks his body contains living Animals & sometimes
actually imagines himself dead 2d. he has a false
Judgment of the Physicians always Changing &
complaining of the last. 3d & of the remedies given
him he thinks himself Changed to a dog or Cat &c.
Hypochondriasis sometimes terminates in melan=
Chely & despair the utmost point of human
misery I knew a methodist Confin'd in our Hospital
4 years with all the agonies of despair he said
that while in that situation he felt all the

miseries of the damn'd, but this does not always end here, for it frequently con-
-tinues & produces suicide on a constant wish to die, Let this fact awaken our
-tenderest sympathy and not to treat this disease as a trivial one, suit the
remedies to the state of the mind; the remedies wh. act thro' the medium
of the mind are 1st. Destruction of old associations 2d. Cleanliness &
employmt. agriculture or public life "when you are solitary be not
-idle, "when you are idle be not solitary" 3d. certain amusements, chase
gaming, a tragedy often dissipates this disease than a comedy. this last
is disproportioned to the irritability of the mind, 4th. committing pie-
-ces to memory & particularly copying verses, 5th. d'. compares scripture
to an apothecaries shop contains medicine for every disease, 6th. the
-revival of the name of a dead parent, 7th. Matrimony 8th. travelling
the Physician must listen attentively to the patient giving a history
of his disease they like to think themselves worse than they really
-are, they Physician must never say that the disease is trifling but
must treat it serious; amusements of all kinds are proper, but be-
-fiefs best, the worst quacks will not bear contradiction, when con-
-tradiction & reasoning are employed be positive, it is often cured
by humoring him, If he pretends to be affected with any disease
pretend to cure him by giving medicines for that purpose, Excit-
-ing a stimulating passion suddenly is good, If debt be the cause
it should be discharged if possible, for you may be sure he is

an honest man, for no ~~rouge~~ rogue ever yet became Hypochondrical for debt, If from grief religion is good? If from love, absence, trying to get him to hate her, few men acknowledge that they are in distress from debt or love so, if the Physician is not very prudent he will not acknowledge to his Patient that he knows that it arises from these causes? If from false opinions in religion at wh. time they are apt to think that they have committed the unpardonable sin & that they are excluded from the divine presence! we should turn casuists & tell them that all divines agree, that it is very difficult to commit a unpardonable sin & that no man had when he was afraid that he had, & that we are called into existence to be excluded from divine presence.

These opinions of the patient if not stopped go to madness, we must produce new associations of Ideas change the room dress &c. Matrimony few married people have it, Travelling is of service to the body & mind, Exciting a counter passion, Pain has often very considerable effect, thus a Stone in the bladder has often suspended the distress of mind, Music, &c. Gout in the feet, Certain sights have great effect, the ocean &c. The sight & caresses of Children never fail to do good ---

Melancholia differs from Hypochondriasis or change of Opinion respecting himself, He denies any disease instead of supposing one, In Melancholia, the sight

of the object wh. produced the disease will have no effect, Melancholy follows the 1st but it is often blended. & 2d comes without being preceeded by Hypochondriasis 3d It never affects the understanding In Melancholy the Patient instead of being miserable, fancies himself happy, the subjects in which the Patient is in error are independent of himself.

Mania Universalis

This I shall divide into 3 grades, namely mania or acute raving madness which I shall call the tonic, Maniculа or Amis, & Manalgia, in this last there is so little disease that it may be called disorder & it rarely comes on without being preceeded by Mania or Maniculа

1st Mania or raving madness attended with great morbid excitement same as in Malignant fevers Mania is attended with synocha Synochula, Typhus & typhoid pulse, The premonitory symtoms of this are great watchfulness costiveness, immoderate appetite, irregularty or instability in purports irascibility talkativeness or taciturnity, jealousy, head ache vertigo unusual acts of extravagance, & all those too without the least absence of mind, to prevent madness after these symtoms occur all exciting causes must be avoided, the patient must be removed directly from his business & carried

where he can be amused, Studious Men have found great advantage by changing their studies, Gentle reduction of the system by low diet is also proper by attending to these premonitory symptoms the disease is always prevented, The symptoms of Mania when completely formed, are hallowing, singing, imitating the actions or noises of Animals, great bodyly strength, when there is uncommon strength the pulse is languid, the nerves loose their sensibility to & cold & heat, an insensibility to miasmata of contagion; great appetite or a want of it, costiveness, diminished secretion hard & small stools, profane language, now & then immodest language & manners surfluous in running, the pulse is Synochus intermitting slow, depressed or quick pulse &c. & in all other respects as in violent Inflammatory fevers, great wit, sometimes the conversation is correct & conduct bad & vise versa. Their minds frequently runon subjects to which they have been accustomed. The senses are uncommonly quick in their operation, hence they hear very distant sounds & soon recognizes old faces, Memory is often drawn from it retreat, a talent for poetry is often excited, If madness is produced by Love, it is shown by love sonnets &c. if by unfaithfulness, by great resentment &c. This disease has sometimes Paroxisms & intervals of days months years &c. In one fit sometimes all is remembered that occurred

during the preceding fit, at other times nothing, In proportion as the disease affects the moral faculties the actions & the wounds will be indecent These are the common symptoms, but when they move at large they resemble beast more than men, they shun human society, they have sometimes immoderate appetites, they always shew an action or motion wh. is excited to counteract the pain of the mind It is to counteract or divert mental pain when they stamp bite &c. & weeping sometimes relieves the distress of mind. ——

I heard a maniacal women say she felt no pain at Child birth From this short view, we are led to believe that there is a principal in the body to relieve the morbid affections of the mind, — I have perceived in madness a peculiar disagreable ordour from the perspiration & from the breath, The remedies are 1st. of It is indicated 1st by the state of the pulse 2d. by the importance and great delicateness structure of the brain, 3d. by the appetite for food being unimpared, hence large quantities would go into the bloodvessels & consequently a greater requisition for food &c. 4th. by the injuries done by the great exertion of bloodletting &c. 5th. In consequence of their being no outlet to the brain as in other viscera, 6th. by the cures from the accidental lopes of blood in this disease 7th. by the appearance of blood drawn, dissolved blood &c. in all which cases the morbid action is greater than

that producing sizy blood, sizy blood is not uncommon & lastly it being accompanied, with great morbid action & the free success attending the free use of the lancet, 1st take blood very copiously in the commencement when there is great morbid action, 20 or 30 ℥ is but a medium quantity, 2d continue it as long as morbid action is present, never sheath the lancet as long as there is a Synochula or synochoid pulse, 3d do not look back to see how many times you have bled or the quantity you have taken, 4th if as long as morbid excitement shews itself in wakefulness, noise red of fierceness of the eye & even if the pulse be natural — "there is great excitement in the brain when the wrist does not sympathise. — 5th If morbid excitement be nearly subdued & the pulse natural Cupping is proper, about the temples & forehead, these Gentlemen are the result of experience, dearly bought 2d remove the patient from his friends to a place of confinement if the paroxism comes on while he is at home, if he is outrages apply the strait jacket, the less this is used however the better A recumbent posture is improper, as it determines the blood to the head & the patient should be kept in an erect posture as much as possible, 3d Solitude is recommended & is indispensably necessary, it weakens the passions from the absence of objects visits should be excluded even the presence of the

Physician may be dispensed with. 4th Darkness Ought sometimes to accompany Solitude in the first Stage of this disease Perhaps some advantage might arise from keeping the patient standing up 24 hours by wearing down excitability & expending excitement keeping the patient awake low diet & that a vegetable one is proper also fasting 1. 2 or 3 days which acts 1st by depletion & 2d By exciting a new action in the Stomach but here it may be objected that beasts of prey are rendered more ferocious by hunger they however are stimulated by exercise & we know that by hunger they are most effectually tamed. a new Study or exciting the stimulating passions are proper 5th the drinks should be only water 6th Vomits are used they should be used when found serviceable they debilitate the Stomach & when the whole system is brought into Sympathy do Considerable Service but they should not be used unless V.S. has been previously Adminstered 7th Purges are highly useful. Salts. Cum. Tartar &c were formerly used but Dr Pyer Jalap & Calomel. 10 or 15 grs which should be repeated 3 or 4 times in the week 8th Blisters to the extremities here they tend to equalize excitement &

Consequently ought only to be applied to the extremities in the first stage of the disease. but in an advanced stage when morbid excitement is much reduced they may be applied on the head & neck 9th Cold air & Cold water are excellent in this stage of madness water is applied in two ways 1st Immersion & Confining the Patient no Reaction takes place here 2nd by applying it to the head the insensibility to Cold is great in this disease. Cold bath is generally hurtful. but Cold immersions is an excellent remedy & to be effectual it should be continued until the pulse is imperceptible when there objection to a Clay Cap. Cold Vinegar snow or pounded ice should be applied to the head shaved while these Cold applications are to the head the feet should be kept in hot water particularly if the Circulation be languid. Compressing the Carotid Artery is said to have Cured it Hard labour sometimes Cures it. After the System is reduced the diet should be thin Cordial & the Shower bath 2 or 3 times a day. We ought first to endeavour to root out or supplant the Ruling Passion. Salivation should not be omitted after the failure of these. It acts by general

Depletion & diverts morbid action from the brain to the mouth it diverts & suppleants the ruling passion of the patient it diverts the mind by exciting resentment & distress I have long used it, It suppleants as I said the ruling passion by removing or discomposing it for the passions often discompose one another. Shame counter-acts the propensity to suicide. The Virgins of Miletus were deterred from it by a law that the dead body of every maniacal person of them should be exposed publickly In madness of great rage fear should be excited. Mu-sick is often recommend'd & if it ever do harm it is by being applied at improper times & after an improper manner, It should be at first plaintive or sedative in time of Madness. No unnecessary opposition should be made as it is like oil to fire or opium to fever. The Physician should try to acquire & keep up the Confi-dence of his patient. he should never direct a Med Shirt or Chain in presence of the Patient & if after 2 or 3 days he gets better & complains of the Chains the Physician will get the good will very easily by ordering them in his presence to be taken off In all the Promises the Physician should be punctual—

He should be dignified in his manners & behaviour to the Patient & never laugh at his Complaints or treat them whimsical. There are 2 modes by which a Physician may Command the Confidence & respect of his patient 1st By the eye & 2d by the voice these two may perfectly Calm their minds as soon as the Physician enters the Room he should with a fixed eye catch that of the patients until he outlook him All Animals dread a fixed or Stern eye, a Mad Bull has known to be Calm'd by it. The voice of the Physician should be as mild & gentle as possible or forcious as possible according to circumstances, the conversation of the Physician & attendants should be adapted to the state of the disease, in the 1st or violent state of madness should sooth the mind & never contradict him, in the decline of madness it should be diverting & when the patient is nearly well oppose him & reason about the impropriety of his conduct, In those 3 states it may be compared to a fever, in the 1st you must depleate, in the 2d divert morbid action & in the 3d stimulate, to effect these Bleed it will be necessary to remove our Patient from his friends & family or company, the patient should never be confined one single day when he ceases to do harm to himself & others. In those who are deranged upon one subject only, avoid introducing that

subject, or when introduced turn to another subject, Errors of judgment are fed by conversation, left to sleep they generally die a natural death, Terror or fright cures mania sometimes, Whipping in this case cures partly by fright & fear & partly by a new action Madness is sometimes cured as quick as a dislocated bone is put in: sometimes placing the cause of their madness in a ridiculous point of view will effect a cure, Commiting passages to memory is good, it acts by abstracting morbid action, from a diseased to a sound part of the brain, from the understanding & transferring it to the memory, as soon as the disease declines the patient should be indulged by a more gentle diet, company & exercise, but the principal remedy here is the cold shower bath, by acting directly upon the brain, & to be effectual should be used three or four times a day Exercise & amusements in succession are proper as they keep the patient from thinking of his former habits, when the mind is apt to ramble upon many subjects this is much more proper, In the lessening state of madness the patient must be narrowly watched, for they often discover a degree of cunning entirely unnatural to them wh has often been imposed on the physician, this state is sometimes cured by association of time place & company, these remedies are proper when the mind rambles upon many subjects but

should be the reverse when the mind is fix'd on one subject, But time produces by its influence on the mind healthy associations, Company is often of great service, it should be such as was formerly respected, great attention should be paid to the dress apartments of the patient, I shall now mention the remedies used in great morbid action formerly by the Physicians, Opium, has been recommended, but it has done a great deal of harm in this state of Mania it may be given in small doses, it acts by dissipating excitability & thus reducing excitement 2d Camphor this has been much recommended & once cured mania but I believe it was in the stage of weak morbid action 3d Hellebore, this does good only by its purgative quality 4th Borax this is destitute of virtue in this disease, 5th digitalis, its credit is owing wholly by its reducing the frequency of the pulse 6th Stramonium this has mitigated it, all these remedies were introduced when there were no principals of the theory of this disease & of course the practice wholly empyrical, Coertion, has been a favorite remedy in England, it consists in bending down the patient with the strait waistcoat & inspiring fear, this remedy is successful principally by the sedative operation of fear but as the degrees cannot be regulated & it always leaves disagreeable associations on the mind it yields most easily to kind treatment & depleating remedies

Manicula or madness of weak morbid action, The symptoms of this are great taciturnity, a fixed position of the body, a down cast look, indifference to surrounding objects, neglect of Person & dress, skin dry livid & dark insensibility to cold & heat unpaired appetite, costiveness, constant spitting of tough phlegm which adheres to their chin & clothes, slow respiration a languid weak slow or quick pulse, insensibility to medecines & obstructed excretions, these are the symptoms when the patient is confined, but when at liberty solitude & wanders about. This atonic madness sometimes affects all the faculties of the mind but sometimes the passions and understanding only, It sometimes affects all the faculties except the memory which it leaves unimpaired, this is the most deplorable state of madness. Sometimes the moral faculties are affected & then we see those who were formerly decent & virtuous show marks of indecency but they remain more frequently uninjured amidst the loss of reason memory &c. This state of madness sometimes continues 15. 20 and even 30 years, but it most frequently ends in Epilepsy, Apoplexy, Convulsions, Hysteria Hypochondriasis, fatuity & death, Those labouring under this state of madness generally have great equanimity of mind & frequently become corpulent, in consequence of their inordinate

Appetite & want of exercise of body & mind. The tonic & atonic madness often alternate with each other as many sometimes as 3 or 4 times in a year & are sometimes blended together. There is a great morbid action sometimes in the brain & but little in other parts of the body. Madness is never stationary until it ends in fatuity. Sometimes the Animal functions are entirely unimpaired & the excitement exists only in the brain. Maniacs are generally worse at the full of the Moon. Remedies when morbid action is subdued the same as Mania but in less force.

Manalgia.

This is when there is none or but very little morbid action in the brain it is only a weaker grade of Manicula & is so much like it that I shall speak of the Remedies for both under the same head. It sometimes affects all the faculties but generally leaves the Memory unimpaired. Persons affected with Manalgia are remarkable for great Equanimity of temper. The Remedies for them are nearly the same as those mentioned above in Mania but when the disease is descended

so low as to forced Vj. they are then 1st the warm bath which should be continued weeks & months until excitability is roused when it should be succeed by the Cold bath also great advantage attends by letting the water fall from a great height 2nd wine & ardent Spts these cure it with great certainty when it arises from drunkenness. Chalybeates are excellent remedies. 3rd Opium this is of great service when it arises from parturition or succeeds typhus fevers when it is called by Cullen Typhomania if Opium fail give wine sweet Oil & Hyosciamus & blisters Synapisms & Caustics the Cautery from being a greater Stimulus is preferable. I have heard of 4 cures by it. Abscesses are sometimes useful, Johnson says that Dean Swift had a temporary return of his reason during an abscess in one of his eyes. 4th Dr Parry has acquired great Celebrity in Curing Toxic Madness by compressing the Carotids. What would be the effect of pressure on the Jugulars. He Dr thinks it might succeed Considering the effects of inflammatory diseases in this State of the System. An Epidemic & Angina cure several Maniacac patients in our Hospital

Some years ago. Few madmen die without discov.
ering reason just before their death this may be owin
to fever which always precedes death, & by which the
Circulation thro' the brain is accellerated 5th. Ex=
=cite the stimulating passions if possible as anger, terro
&c. Dr. Bond cured a patient who had been perfect=
ly silent for a year by exciting his passions. The pat=
tient happening one day to have a flower in his hand
the Dr. looked over his shoulder & observed what a
fine Cabbage you have in your hand. the patient
immediately replied you are a fool & a liar for it is
a flower. his taciturnity from this time ceased, Exciting
the domestic & parental affections is often of service, the
Patient is often cured by the sight of friends, Music of a lively
kind, Exercise is of great importance, but labour is best if
the patient can bear it, working in a garden for men, & washing Iron
ing, Spinning for women, Confinement in this state of madness
is much necessary & should only be resorted to when the patients
are very mischevious or discover a disposition to run away
A salivation shou'd not be omitted it is to be regretted
that it can seldom be excited, I have known two cases of
profound silence in Mania be removed as soon as the

Mercury touched the mouth, the skin should be kept clean, the hair close & heard, the nails cut &c. Barthelet speaks of stimpes as proper, they must act by exciting sudden pain & anger, All the remote exciting causes predisposing & remote causes should be avoided, a relapse of Mania is prevented by carefully avoiding the predisposing exciting & remote causes, keeping maniacs employed is good, removing maniacs to private families is good, by keeping the knowledge of their complaint from other people which they often crave & even sometimes from themselves, the solitude of a Hospital has often caused convalescents to relapse. Hospitals afford few mental remedies, which are as necessary as Physical, the dread of being gazed at has often made melancholy people mad, It is the duty of a physician to prevent cruel & inhuman treatment by asserting that it is under the power of medicine, In asserting that the disease is curable, I do no say that it is always so when the organization of the brain is destroyed it is not curable, In long continued cases, such as disorders of the brain may occur that will baffle all the powers of medicine, the patient should not be deserted in the most protracted cases, By attending minutely to the symtoms & states of the the system for 3 or 4 years the most obstinate cases will sometimes yeild, B." was admitted into the Hospital after some years standing, he could not speak, his

-tounge lolled out, salina streamed from his mouth, his stools & urine were passed unconsciously, if placed at the head of the stairs, instead of walking he would roll down, by the cold & hot bath, continued use of stimulants & tonics, he recovered his speech, knew his Physician & keeper & was employed in several offices about the hospital, In this convalescent state he was carried off by a Malignant Fever

the Symptoms indicating a favourable or an unfavourable termination of Mania are 1st. weeping is favourable, particularly if it was ushered in by Hysteria, it shews that the disease is going out the same way that it came into the system, 2d. a sense of pain in a part long insensible, or when it has been long absent, it indicates the patients return to Hypo 3d. a return of an old habit of body or mind, the return for affections of persons formerly beloved 4th. the return of habitual diseases, wh. have been suspended by madness, 5th Ulcerses are favourable 6th. general fever necessary 7th. remissions or intermissions favourable, 8th an increased secretion of mucus of the nose, warm & moist hands & feet & a sensation of burning at the feet are favourable, that which comes on suddenly is more easily cured, & in youngmore than in old people, When from fevers or drunkardness it is not difficult to cure provided the patient be not a habitual drunkard, Madness most difficult to cure when from old mental impressions.

Persons with children are harder to cure than those without them, when madness is toxic, when from the cessation of the menses & after parturition it is easily cured, but if from Epilepsy or Lesions of the brain it is hardly ever cured, Maniacal patients generally die of one or the other of these diseases, 1st diarrhea 2 Convulsions 3 Pulmonary consumption, 4th Atrophy 5th dropsy especially of the thorax 6th Epilepsy 7th Cholera morbus, 8th malignant fevers, lastly death is brought on by the attic mode of dying viz refusing food of any kind fasting should be prevented by placing food before them, sometimes they will drink water and not take any nourishment, mix arrow root &c. or refuse to give them nourishment unless water they will take *

Derangement of the Will. —

The memory here is sound, & the understanding is perfect, this is a convulsive action or tetanus of the will, In this state of fever there is a disclosure of secrets without the power of keeping them, It frequently vents its outrages in the night, when morbid excitm prevails highly, the passions are the instruments thro which the will performs these outrages, the maniac in this state sometimes murders himself or his wife & children & then surrenders himself to justice, the perpetrations are 1st without premeditations, 2d against friends & relations & 3d without any desire to conceal them or evade the laws, considering these things we will know how to distin-

tinguish a crime from a disease, another sign of derangement is that that they seldom deny the acts they have committed, the will is sometimes paralytic, the person is then said to have no will of his own, the mind can comprehend clearly what is proposed to it, but the Patient cannot act this case is similar to hydrophobia — —

the remedies are Vf. & all the remedies used for the Inflammatory derangement, It is a paralysis of the will the remedies for fatuity should be used, the patients should be forced to exercise the will

there is a disease of the mind called by Mr. Pinell. —

Demanea, It is a constant succession of quick perceptions and such perceptions as are true, absence of understanding & reasoning. The subjects of this kind of mania, for which I have no name are always in a hurry, speaks with great rapidity rises early gets up soon scolds to get his breakfast, goes into the street in a great hurry speaks to every one he meets asks 100 questions without waiting for an answer to one of them, he is quarrelsome & good natured generous & avaricious greatly elevated or much depressed & all in the course of one day, occasioned by mobility in the brain Remedies if attended with great excitement Vf & periodical tonics. — — Diseases of the Memory there is often a weakness or loss of Memory, while the operations & understanding remain sound, I will here deliver a few remarks

1st in exercising the memory there is often an involuntary motion of some other object or thought in the mind / for example in attempting to ask for a knife he would say a bushel of wheat / No more happens here than in Chorea St vite when on attempting to exercise a sound limb, the involuntary actions rebounds as it were & exercise the affected limb 2d Sometimes there is a total oblivion of the sound of words in the memory while a remembrance of the letters composing them remains 3d I think I have seen something like a palsy of the memory; the causes of this state of the memory are 1st Intemperance in eating & drinking 3d excessive venery or unusual & long continued sleep 4th Grief 5th Constant use of Opium 6th lesions of the brain, excess in sleep fevers those more especially of the chronic kind, The Gout translated to the brain palsy apoplexy, vertigo, drying up of issues suppressed to an excess 7th Terror sometimes suddenly destroys the memory 8th oppressing the memory with to many words, a weakness for Ideas is often occasioned in Children by obliging them to commit long speeches to memory 9th a neglect to exercise the memory 10th a cessation of study & attaining new Ideas for by ceasing to acquire new Ideas we loose all our old ones, there is no stationary state of the mind, when we cease to acquire ideas we are retrograde. Diseases of the memory may be cured or prevented, 1st by avoiding all the remote & exciting causes

2nd Close attention to the Subject we wish to retain, frequent repetition. the effects of repetition are such as would make a person believe what he had often repeated tho' it were false. Incidents which have no reality, by repetition become so blended with facts as to be undistin-=guishable from them. Dr. Wells recommends to boys if they wish to retain the anecdotes they have heard in Company to relate them in the next Company they enter. 3rd Memory is assisted by calling in the aid of the other senses as the eyes, ears & taste. Children when alone generally read out to assist their memory. When they eyes & ears cannot both be addressed the ears are to be preferred being less liable to be distracted. 4th the memory is greatly assisted by association from circumstances influencing it. As time place pleasure &c. 5th By keeping the mind intent only on what is useful 6th by exercise. for this purpose memorandum books should be kept but with caution in Youth or in old age they are useful 7th by shutting the eyes & by committing two or three lines of poetry to heart, this excites that part of the brain that is the receptacle of sounds, when a person is asked a question, he is at first frequently unable to answer it, the suddenness of the effort to reply produces indirect

debility of the part, if you change the subject he soons recollects
9th repeating what we wish to remember just going to bed
10th singing aid the memory very much, the Physical means of
preventing weakness of the memory - these are to be regulated
by the state of the brain & the cause of the disease, If there be great
morbid excitement avoid all the exciting causes & if the pulse in-
dicate it, If from palsy &c. tonic spices & cold baths & all the rem-
edies mentioned for that disease are proper, Cold baths is of ser-
vice to improve the memory, gentle exercise &c

Fatuity. — This is brought on by long continued
madness, It resemblance to the chronic state of Rheumatism
this being called, Rheumatalgia. I have called it manalgia
It consists in the total absence of the understanding & me-
mory, but there are often different grades of it, 1st It discov-
-ers itself in the vacuity of the eye, silence, gormality, rolling out
of the tongue &c. when it is congenial the bones of the head are
thick & there is a disproportion between the head & face
2d Idiotism & fatuity are induced by all the causes of madness
3d By old age, we are once men & twice children. In old
people it arises from dryness, hence the want of action
in the brain, it has been cured 1st by lunc disease & circumstance
2d it has been cured by falls & burns &c

I believe those that experience little pain have little minds & vice versa, 3d. chalybeates, exercise, hot & cold bath, but the excitability must be accumulated first if possible, for them to act upon, there is a continual appetite in this disease, hence the excitement appears to be thrown into the stomach & sometimes in the organs of generation. Are there any medicines which act specifically upon the brain? Yes I believe there are & amongst them is stramonium which I believe act principally upon it. What would be the effects of frequent intoxication by wine or Ard. Spirits, they excite the brain & produce flights of fancy & flashes of wit in the common minds, Patuity from old age cannot be ~~prevent~~ cured but may be prevented, The minds of all old people fall into fatuity. for want of the stimulous of new Ideas, we see oftener people deranged in towns than in the country. The moral faculties particularly the sense of deity generally remains uninjured by old age. This in the moral faculties is perhaps owing to a greater or less exercise of them in the former part of life, the Moral faculty is seldom impaired, it remains unshaken amidst the ruins of the memory & understanding, the moral faculties are not the result of Education but innate & original in the mind. In order to effect the remedies above mentioned the patient should apply himself to some simple book. for

for the eyes may acquire ideas which the ear cannot history is to be prefer'd. It has been cured by accidents, by changes made by time & place. Disease has in more instances than one awakend this morbid repose of the brain. one patient recover'd by the use of Cordials Medicines, hot baths is usefull Datura Stramon seems to have some specific action on the brain what would be the effect of exhibiting it in this Case.

Diseases of the Passions & Venereal Appetite

They are love. Grief. Fear. Anger. Joy. Envy. Malice & Lust. In speaking of each of which I shall borrow all the aid I can from Metaphysicks Moral & Religion & shall make a few remarks on the subject of the Passions. 1st Nothing induces more to our equanimity of mind than our early education of its importance examples are better than precepts, Nothing tends more than the christian religion to restrain & govern the passions 3d Cultivation of the understanding has great influence in moderating the passions. The Study of Mathematicks is very great to Compose the minds who ever heard of an irritable Mathematician, D. Washington & Willenhouse became of the most Composed minds from the Study of Mathematicks

3rd That degree of excitement that takes place in violent exercise of the passions is unfriendly to life. They are all accompanied or preceded by debilitating Causes as Idleness &c &c.

Love.

This in excess alone is a disease. It discovers itself in great irritability of the System. face flushed. perpetual talking or Obstinate Silence. Sighing want of Sleep. predilection for Solitude & Moonshiny Nights &c. When a woman discovers equal signs of love She either looks steadily or not at all at a man in Company Love when successful is productive of no pain but when unsuccessful is productive induces fevers. Dyspepsia Hypochondriasis. hysteria Suicide &c. It is a singular fact that the Object beloved is seldom dreamed of & what is more surprising & extraordinary the lover can scarce call to mind a vivid idea of the Object beloved love affects both sexes and all ages The Cure of unsuccessful love is 1st. When a fever. Sighing attend V.S. Blistering. Let the pulse guide us in our enquiries whether the fever be from love or not. Mention the Object beloved & see the pulse which will sensibly change if from that source Ovid advises a

second mistress 3d. Ovid advises to find out & expose to view the bad qualities as much as possible 4th. the Company of the mistress must be avoided, travelling, who are acquainted with his mistress, by travelling he will hear nothing of her & he cannot with propriety speak of her himself 5th as Love & hope are bound together, so they must die together, extinguish all hope and Love soon follows it. If we can the Lover with resentment against his mistress or bring him to believe that she is unworthy of him a great step towards the cure will be effected, Ambition if possible should be excited & the Lover should be persuaded to set out in the pursuits of Glory. Love never follows ambition. —

Grief

The nature of our passions requires an attention to this, since we shall so frequently meet with it, Grief is implanted in us for wise and benevolent purposes, It produces fever sometimes Syncope Asphyxia Epilepsy, Dyspepsia Hypochondriasis &c. Instances of it producing these are frequent congestions about the heart. Tears are the usual signs of Grief, but intense grief shews no tears, there is a weeping point in Grief above or below which tears refuse to flow, such are the effects of grief that the system often becomes insensible to cold, hunger, thirst &c. wakefulness generally attends it, 1st. Operation or state of Grief but there are degrees of it which produce sleep by the stimulous of one Idea wearing down the excitement

to the sleeping point. In our first visit we should desire fools comforters to be silent, the mind in the first paroxisms of Grief resembles the limbs in some state of Rheumatism in which the most gentle touch gives pain. Grief in this state is palliated by silence while a single word makes it worse 2d. a little work called the mourner, & this Physician shd inspire hope & comfort, a Physician ought to go to the house of mourning immediately after the disease of his Patient, & he will by these means shew that he is conscious of having done his duty by his patient, a Physician reaps more credit from such visits, than perhaps from all his attention in time of health. 3d the association of clothes &c. may be obviated by accustoming ourselves to the sight of them 4th. remove the diseased as far out of sight as possible 5th. when there is an absence of sleep below the sleeping point &c. Opium may be given every night after the first few weeks, never mention the name of the person diseased, the conversation must be on general things & never lively if fever succeeds use the remedies for fever, if dyspepsia or hypochondriasis use their remedies

Mar. This was implanted in us on account of the dangers & evils to which time is exposed, it objects are 1st reasonable, 2d unreasonable. The objects of the first are sickness & death, & those of the latter are darkness, Ghosts, surgical operations attacks in public &c. Its effects are tremous quick pulse.

hysteria, pale urine, globus hystericus, fevers convulsions, mania, asphyxia & death, besides these it has a peculiar effect upon the hair, 1st. it causes it to rise 2d. to turn of a grey colour 3d. to fall off from the head, the remedies are moral artificial & physical. The remedies for the reasonable fear of sickness & death are 1st. just notions or opinions of divine Government for which the scriptures should be used, 2d. a recollection of the past of frequent escapes made from death by sickness &c. 3d. frequent meditation on the subject, painful sensations by repetition become pleasurable 4th. constant employment, 5th. reading history & books of science 6th. Company in hours of exposure to sickness & death, 7th. Music expels the fear of death, noise of any kind dissipates fear, 8th. Opium lessens fear. Fear from darkness & Ghosts is prevented by an early education, If from a surgical operation Opium may be given. — There is great advantage from association in curing fear. —

Anger. This is implanted into us for wise & necessary purposes & it is injurious only when in an excess, there are 3 grades of this passion viz Anger, Rage & furry the last is the greatest, The effect on the system is according to its grade all determine blood very much to the head, it produces foaming at the mouth, great volubility of the tongue, silense convulsions, apoplexy & sometimes it produces tremors pushing of bile &c.

The Remedies are Religious Moral or Physical. 1st A sense of its impropriety or immorality 2nd A sense of its repugnance to decency should be pointed out & insisted upon 3rd Saying the Lords prayer when we feel the approach of anger or counting 20 before we speak in a rage 4th by exciting a counter passion as fear which is an excellent antidote to anger 5th a large draught of cold water which gives time for reflection 6th I have known a bucket of water to be thrown on a dog to palliate his rage & equal effects from it in a servant Girl in this City 7th Dr Arbuthnot says a mild & vegetable diet has sometimes cured it but even in some cases milk itself has been forced to increase the angry temper 8th When anger is from fear Opium is good 9th Avoiding all exciting causes as ardent Spts. fatigue hunger thirst &c,

Joy

This sometimes produces disease on the human body as Syncope & Death. The Physicians business is to moderate it Joy in an highly excitable state of the system is hurtful Excess of laughter sometimes produces it as in Erysipelas & one of the popes Its cure consists in exciting

a Counter passion or an irritating pain on some part of the body.

Envy, & Malice

The face is suffused with blood when the person envied is present these principles slow working produces deep seated diseases. These resemble the low Chronic state of fever, Envy says Lord Bacon knows no holiday. The reading of the Scriptures should be adoised.

Lust.

This appetite is so intimately Connected with the passions of the mind & with moral vice that I have inserted it here. Like the passions it is implanted in us for wise purposes. Such as propagating Our Species &c In excess it produces disease both of body & mind. It is the Cause often of onanism for the effects of which see Tissot & Bell. Lust gratified produces Tumours. tabes. dyspepsi hypochondriasis Vertigo self polution furor Uterinus epilepsy madness & death. Its usual Causes are 1st. excess in eating 2nd excess in drinking or too great indulgence of the Venereal appetite 3rd Indolence or a sedentary life. Sleep is frequently the remote Cause hence we see it so often among students of an Idle turn

In whom both a sedentary & idle life is common Linnaeus ascribes it in Weavers to the constant exercise of the lower limbs. It occurs in Gout & Hypochondriasis. & is owing to the sedentary life of Hypochondriacs that they are subject to it. It is a nascent sign of Hysteria & is attended with a preternatural appetite. but we often see it in debility after fevers in which case the genital organs sympathise with the stomach which in convalescent wishes for the most stimulating aliments. The unusual excess of the venereal appetite attends convalescents from the bilious & yellow fever &c. Last attending convalescents is the cause that the sick so often marry while they are getting well, the remedies are 1st matrimony & fidelity to the marriage vow, 2d low diet 3th Plutarch mentions that the priest prevent by carefully avoiding to eat salt meat 4th Labour or constant exercise, Hippocrates say riding on horseback, I confine it to our sex, as I think the peculiar posture in women must excite it, instead of preventing it, 5th company of chaste modest & well bred women, which polishes the manners purifies the imagination &c. are there any medicines which act specifically in curing this disease. Castor oil has been said to have this effect, but I believe it is useful as far as it opens the bowels, Camphor has been used by the mouths for this pur-

-pose, that there may be such medecines I do not recollect, 6th. when it arises from debility the Cold bath &c. 7th. Close application to study particularly mathematicks, 8th. Not only constant study but likewise exciting an active passion or pursuit is proper, 9th. Boerhave says a fit of lust is removed by exciting a fit of laughter 10th. a salivation by diverting excitement 11th. Certain tones of musick 12th. avoiding all lascivious thoughts prints & books &c. and obscene conversation. We concer[illegible] to a certain Phenomena of the mind & first of dreaming

Dreaming:—

In our Physiology. I mentioned that dreaming was a disease, it depends upon a morbid state of the brain. Its causes are 1st. an increased stimulous from physical causes as cold, heat, meconium, improper position of the head, Opium, fever, full bladder, inclination to go to stool light &c. 3d. by the abstraction of any habitual stimulus, as the omission of of taking supper to one who is accustomed to it dreams are very miserable and often render life very miserable, The remedies are 1st. by gentle purges, low diet when ~~accompanied~~ accompanied with Plethora or much excitement 2d. avoiding all the causes of mental excitement in every case 3d. Labour is good, Country people who labour, seldom dream, habitual noises must be restored 4th. when from weak action or a want of stimulus, Opium & a supper prevent them. —

Somnambulists, have been cured by depletion. They have a morbid affection of the muscles, hence they are in a profuse sweat while walking in one of their sweats fits, Incubis or night mare, is only a higher grade of dreaming, it is caused by many of its remote causes by stagnation of blood in the lungs brain or heart. The remedies are the same as for dreaming, but more particularly avoid lying on the back. —

Phantasms. They indicate the formation or actual existence of disease in the brain, They are false representations of things on the ears or eyes & depend upon motion being excited in the eye or ear, in parts not accustomed to vibrate to impressions made upon them. Like sensations in one part from impression in another. No more happens here than when pain is excited in the urethra from a stone in the bladder. In short Phantasms may be considered as dreams in the waking state, Persons affected in this way fancy they see themselves or some of their friends, the object supposed to be seen is never seen by two persons, but by the diseased person only. The voice supposed to be heard, is heard by him alone, these illusions consists cheifly of our names, This is because we are more accustomed to hear them called & consequently the part of the brain accustomed to hear them, those sounds are more debilitated &

irritable than any other, it is to be explained in this way. Being more accustomed to hear our own names than any other, that part of the brain becomes more irritable than any other. should any sound be wafted to our ears, if the part of the brain accustomed to vibrate to that impression, should thro' disease refuse to take on the usual motion, the impression wandering would fix on a weak part of the brain, viz that which used to vibrate to our name No more happens here than in tetanus, when a slight wound made on the foot, does not produce vibrations in the part but the disease flies up & fixes on a weaker part viz the brain the remedies are V.S purges & low diet if there be much excitement, but if there be weak morbid action, Tonics &c.

Absence of mind.——

This is either owing to the mind being so engaged as not to attend to the impressions of secondary objects or to its insensibility to surrounding objects; or a total want of Ideas of any kind this last generally attacks stupid people, It is either a mark of affection or stupidity. it is a form of derangement & is cured by depletion a seaton in the neck noisy company &c. when from fatuity the treatment must be as for that disease. Lord Chesterfield says that only 3 men in the world had a right to be called men of absent mind.——

Trance.–

Here the whole body dies except that part of the brain in which the mind exists; It is a lower grade of Asphyxia; the mind dwells of futurity & the world of spirits & when the patient comes to his senses relates as real all what he saw. In all cases of suspended animation the body should be kept warm frictions used, fresh air applied to the lungs & interment should be delayed untill a considerable progress is made by putrefaction on the body. I say considerable, because persons supposed to be dead have recovered after the cadaverous smell has taken place. & I have seen persons in yellow fever smell like dead bodies & recover.

Syncope or Swooning away

Here there is a diminution or suspension of the motions of the heart & of respiration, sense of langour, cold feet weak pulse; almost & sometimes wholly imperceptable, cessation of sense & motion, cold sweat on the forehead noise in the ears &c. In recovering from syncope there is sometimes a pain about the heart, anxiety vomiting & convulsions, attend to this Gent: for you will be often called in during these convulsions, Women are more subject to it than men, it is sometimes hereditary but does not shorten life. It causes are general & local. The locals are Aneurisms, Polipy, Dropsy, Ossification &c. in which case

it is incurable. The general causes are profuse hemorrhages great inanition, strong passions, or great emotions of the mind disagreable sights or smells, great heat, excessive pain or its cessation putrid or indigestable food taken into the stomach, cold drink, taken in a heated state of the system, sudden application of contagion or miasmata &c. The remedies are a recumbent posture, fresh air, few attendents, vol Alkali, stimulating ondours to the nose, burnt feathers, cold water when from heat, cataplisms to the feet, fractions, Laudanum when from cold. The exciting causes are to be avoided, when from miasmata Vf. to prevent a return, exercise & the cold bath & avoiding all the exciting causes. —

Asphyxia. This resembles death, by the absence of motion & the pulse cannot be felt, & it is only a higher degree of Syance, here the mind is gone & there is no recollection of what passed during the fit. The operations of the mind are entirely suspended, the pulse & respiration gone, the cause are 1st. Violent emotions or passions 2d. offensive matters taken into the stomach, Intense cold, this is the reason that animals are torpid during the winter, immersion in cold water, charcoal fixed air, wine, intoxication hanging contagion & miasmata &c.

The remedies are to be suited to the causes which produce it, when it, when it arises from drowning warm air, should be introduced into the lungs, fumigations with brandy & warm flannels, stimulating injections, warm applications to the body &c. Why do drowned bodies first sink, then rise & float upon the surface of the water? Fear causes muscular contraction by which the body becomes specifically heavier than the water & consequently sinks in it, so long as this spasmodic contraction continues there is a capacity for life, but as soon as the contraction is over it becomes specifically ~~heavier~~ lighter & consequently floats on the surface, "A very intelligent house keeper once told me that she never cooked fowls after she had killed them untill the anus become open, that it sometimes happened that the sphincter ani remained contracted & if she dressed them in this situation, their meat was tough, but if they were cooked after it was relaxed their meat was tender"

The stimuli applied to revive drowned persons, should be greater or lesser according to the exertions made to save himself from drowning. If great exertions were made, strong stimuli should be used, they likewise should be strong if the body has been a long while under water, when from cold heat should be applied gradually, beginning at 40 then

50 ℔ lastly 96; when from violent passions or offensive matters taken into the stomach, strong stimuli applied to the skin to raise a counteraction, as boiling water to the head ℔c. When from contagion, fresh air, from drunkardness cold water, sounds are proper life lingers longest on the ears, The stimuli sh'd particularly be applied to part that are exquisitely sensible, as the soles of the feet, nose lips, pudenda ℔c. dropping water on the upper lip titillating the nose with a feather. When from great oppression of the system V.S is proper, as soon as the system begins to react, because the reaction is so great as to kill. When from lightning by effusion of cold water from bucket.

The signs of death are a clamminess upon the skin, an alkaline ordour, but the most unequivocal sign is a relaxation of the sphinster ani or Vesica

Diseases of the Moral Faculties.

I have included these among the diseases of the mind I have treated of them in an ovation delivered before the Medical society which is in the 2d Vol of my Inquiries, but I will make a few remarks here, I once knew 3 cases in wh the moral faculties were very much diseased, once a boy who had Epilepsy, who had no good quality whatever, altho his memory was still unimpaired, the 2d was a young man in

Virginia who had the Hypochondriacs at first which afterwards afterwards changed to a disease of the moral faculties. The 3d was a young Lady, who thought of nothing but mischief & tearing her clothes she was less mischievous when employed, used to mix pins of various sizes together & make her divide them, I have taught vice to be a disease. are diseases brought on by predisposing debility of the body? so is vice debility of the mind, are diseases produced by contagion on the body? so is vice by the infection of bad company. Does debility predispose the body to disease? so does idleness wh. directly debilitates the mind invite vice Does disease of the body exist in different degrees of morbid excitement? so does vice in different degrees of morbid action in the mind. Does the highest degrees of morbid in the body require copious depletion? So the highest degrees of vice require a greater abstraction of stimuli producing it? Do we overcome morbid action in one part of the body by exciting action in a part less vital? So we overcome vice by exciting a counterpassion thus avarice is cured by ambition. Do we accommodate stimuli to excitability in the cure of the diseases of the body? so in diseases of the mind we accommodate moral remedies to the state of the system? Is there a reduction or expenditure of excitement in the body by the long continuance of the disease

so that no stimuli will act? so the mind becomes insensible.
Forgiveness alone when aided by religion & moral can effect a cure
Capital punishments cannot reclaim the world from vice
every vice has its specific Physical or Metaphysical remedy

Absence of the Passions.—

Sometimes there is a deficiency & even a total suspension of these
the patient neither loves nor hate his alike insensible to plea-
-sure or to pain. The remedies for the torpid state of the passions
must be suited to the state of the system. Louis cold bath
pain exersise & a salivation are proper, Case of a Lady who
disowned her child, but in consequence of being salivated
acknowledged & ever after was very much attached to it.
Here Gent, we conclude our history of the operations of the
human mind & diseases of the human. The subject was new & diffi-
-cult, but its highly necessary to the Physician as it enables him
to lessen the evils of mortality & interesting to mankind as it affords
them an alleviation of their calamities; there is nothing in this doc-
-trine repugnant to the soul. It powers of action while in the body
I only contend are caused by motions of the brain, how it may be
after death I am unable to determine. This doctrine is however alike
true whether our soul enters into another immediately or whether not
for 1000 years, that time to the mind is no more than a minute.—

Of diseases as the generally appear in the Lymphatic system.

The Venereal Disease.—

I believe it to be an ancient, coeval with the enjoyment of the venereal pleasure, I think Gonorrhea & Syphilis to be grades of the same disease.

Gonorrhea. is divided into Gonorrhea benigna & virulenta or Gonorrhea originally acquired & Gonorrhea from infection. The first is brought on by difficult coition 2d by bruises on the gland penis 3d from Gout, I have seen two cases from that cause Lavoisier mentions, Gonorrhea podgrica, It may be distinguished from gonorrhea virulenta by filaments in the urine & when dry by a pellucid cake 4th by acrid matters in the urethra 5th Suspension of intermittent fevers with it often terminates alternates 6th long absence from venereal enjoyments 7th debility from old age 8th in children from teething, 9th Ward labour Wonarism, Lastly there is a discharge not gleet resembling it very much, it is a catarrh resembling it very much of the bladder, It is often confounded with other diseases, as a discharge from the prostrate gland, an Emission of semen this is known by hardening. 2d Gonorrhea Virulenta. It is of great consequence to discover this from the foregoing, It may be communicated, 1st By Coition 2d By a tainted bed 3d using infected necessaries.—

4th small clothes such as are used in the disease, or when it was first taken will often communicate it, also by the matter being applied to a sore in any part of the body. The blood is injured by it, this is proven by new born children, having infested with it, by their mother having it while pregnant, The usual time for the disease to appear after it is taken from 3 to 12 days, many say a much longer time It has been said that it has been dormant in the system for a long time, but in such cases it is of the virulent kind. When it appears in a debilitating simple state, it is easily cured, by diluting drinks as flax seed tea, mercurial injections, milk & water barley & water ℞ ℥ii Unguentum without turpentine, the yolk of an egg Gum Arabic make a good formula for cold ~~weather~~ weather ℞ ℈i Calomel in ℥iv of water in summer, but there are sometimes troublesome symptoms, as Chancres, which are removed by dry lint, red precipitate, powder of savin, lunar Caustic &c 2d swelled testicle to be treated with local ⅋, as leeches suspensary bandage rest, cold water hot water ℞ if there symptoms should run high ⅋ 3d Buboes, they arise from an irritation produced in the Urethra by the virus or from a translation of it to the inguinal glands, which alone do not sympathize with the parts affected, these last like Scrophula tumors should be opened by the knife or Caustic, but an

opening by nature is preferable to either. 4th Optalmia from sympathy from the affected parts 5th strictures in the urethra, these shew great connection with every part of the body. They sometimes produce intermittent fevers, They are cured by bougies, mercurial ointment rubbed above or below the swelled parts, electricity. cold water & vomits, but if they shew a tendency to suppuration lenient cataplasms should be used, the best of which I know ℞ ℔ pint stale beer, 1 gill of lie as much bread as will make it into a poultice & a little hogs lard, with which the part should be left to open of itself 6th Phymosis this is prevented by keeping the part under the praepice, cutting is frequently necessary if neglected it gnows to the gland penis 7th Paraphymosis, is prevented or relieved by cold water or Ice, lead water & the laxis, you should always perform the laxis yourself for the patient, for they are apt to neglect it themselves & then an operation is often necessary to prevent mortification 8th Chordee, in this case a full bladder should be avoided by ejecting the urine as soon as it is felt sleeping in tight drawers & opium ℥ night. 9th Gleet, this sometimes arises from weakness or from an ulcer, if from the first, Balsams bark, chalebeate, cold bath astringent injections, Porter wine & water Injected, but one of the most powerful injections for Gleet is as follows Viz —

℞ sacch Saturni 10 grs
Murias Hydrarg – 1 gr
Sp Cornu Cervi 20 gutts } M inject bine die
Aqua Fontan 4 ℥

This acts by exciting a new inflammation in the urethra, It was a remedy of a Quack, 1gr Calomel every night, Mr. Winter recommends fresh infection. Sometimes there is a discharge of semen in the sleep, the Gonorrhea domentia, use tonics & gentle salivation Sometimes there is a dry gonorrhoea in which there is a burning in the urethra & without any discharge in consequence of the excitement being beyond the secreting point. The remedies are of purging &c. catarrh of the bladder is cured, by medecines acting upon the neck of that organ, as Balsams, tincts, Cantharides & There have been many disputes wether gonorrhoea & lues venery be the same disease or not. I beleive they are only different grades of the same disease, In the latter stages the matter is retained in the system & affects the mouth nose &c. with ulcers &c. The acrimony of the matter is much increased by retention It affects all the bones not well defended with muscles The remedies are mercury internally & externally, mercurial ointment, first bathing the part to which it is to be applied the quick silver pill, that is Mercury triturated with soap

is the best as it seldom purges & secrecy being often necessary & by it more mercury can be taken without salivating, but as there is little differ-ence in all the preparations of Mercury they may be used in succes-sion. Warts if they arise should be extirpated & dressed with red precipitate, sometimes they must be cut 3 or 4 times before they are cured. For Modes, Gumm Guiac. The remedies should be accom-modated to the state of the system. Mercury should not be given in irritable or debilitated state of the system, without being accompanied with a Generous diet. The reason why we see some people still retaining the venereal disease after having gone from place to place & tryd 1/2 a dozen different Physici-ans, is nothing but that Mercury in all its various forms have been used. Opium sometimes does good by raising the system to the proper mercurial point, or when the ulcers does good from a wrong action it does good, it does this I mean when the venereal virus ~~does good~~ is eradicated, for untill its removed the Opium can do no good. The nitric acid has been much used in this disease, It must be given through a quill. Sometimes the venereal disease is combined with itch, scurvy, Gout, Rheu-&c. & the remedies should be directed to these also, but Mer-cury should not be used in Scurvy untill its worst symptoms are removed, Gout & Hypochondriasis is often mistaken for

Hypochondriasis counterfeits every form of the venereal disease. When Rheumatism is combined with it, treat it as such. viz with purges & low diet & Mercury. —

Cancers. —

These are generally seated in the gland thro' at times in many other external & internal parts of the body. They are generally preceded by tumors. Schirrè sometimes run into cancers, Men they are most common in the face from the many changes of atmosphere the irritation from washing &c. In women they are most common in the breast & uterus, they are most dangerous when on the lips on account of their connection with the glands of the throat & In the breast when they reach the armpits & when in the vagina & ovaria it is generally fatal, but when in the glands penis & other muscular parts it is easily cured, They seldom attack untill the 45 year of life, Recollect what was said of the acrid fluids in old age, the urine sweat tears &c are acrid, It is owing to this that some in old people are hard to cure & frequently become cancerous, They are more common in cold than in warm climates, Pain sometimes accompanies & a dull pain precedes them, tho' not always. for I have known a tumor occasioning considerable pain not end in Cancer I have known the worst of cancers not to be attended with

pain, you see then that no Pathognomonic or diagnostic sign can be given even in this disease. The pains when they occur are not constant but lancinating & often cannot be distinguished from Rheumatism. The remote & exciting causes are shivri suppressed menses or habitual charge, pile repelled eruptions, veritations upon any part of the body by pressure &c. neglected vitiated sores, Bruises, Sores that alarm excite & uneasiness are apt to end in Cancers, for the mind seems to determine vitrita bility to the part it thinks most. The matters formed & discharged from cancers is of the most astive & corrosive nature, a man caught a cancer by kissing a Lady that had a running cancer upon her lip. We see this acrimony in a decayed teeth, the matter formed there is so powerful as to corrode gold & silver pivots. The absense of pain in this disease is however to be supplied by the vigilence of the surgeon, who should remove every tumor from the face &c. that likely might end in cancer, tumors should be more especially removed when on the lips & breasts? when they are on muscular parts, they may be removed by Caustic but when on glandular parts the Knife should be used, the caustics salt & spirits powder of savin poke root or juice &c. this in the morning is possessed of considerable activity, when the tumors are still more alarming & in the muscles.

Lunar caustic, caustic alkali &c. but above all Arsenic as it is most manageable. It is the basis of martins cancer powder. It is applied a wet probe on the powder of arsenic & then applying it to the part, or by solution of it when ulceration has taken place, the knife is seldom successful, the cancer generally breaks out in some other part of the body. But the patient here is not to be abandoned, small & frequent ℞ of a salivation and low diet should be resorted to ℞ should be performed by cups & leeches & the state of the pulse & the system should regulate the degree, when the whole system is affected with a cancerous diathesis the following medecines are proper 1st. milk & vegitable diet, this has performed many cures 2d. certain narcotic substances as Opium, hemlock belladona, but these have never cured but palliated 3d. small & frequent ℞ when there is pain or when the pulse indicates a general affection of the system with too great morbid action, but when the pulse is weak & the sore without inflammation tonics &c. should be used As the mind has so great an influence in the cure or contrary of this disease, diverting pursuits should be recommended There is no necessity for the the Physician to pronounce to his patients that his disease is a confirmed cancer, because it will produce debility of body & mind, consequently contra-terast

the intention of our medecines. We should say it may probable end in Cancer, I shall make a few remarks which may perhaps lead some of you to a more successful mode of treatment of this disease. 1st I have observed that diseases wh are seated most exclusively in the nervous system take strongest hold & are hardest to eradicate as Epilepsy &c. 2d we know that cutting the nerves of the stomach soon impair digestion &c & 3d as the mind acts only thro the medium of the nerves, dividing the nerves leading to the cancerous tumor may prevent the ill effects of the mind upon which is often very great 4th Pain does not always attend them, May we not conclude that cancers are seated primarily in the nerves & hence we led to use Asafoetida Electricity &c

Rickets.

These are attended with a large head & knees, knees projecting forwards tumid belly swelled joints. They succeed Intermittents & measles, there is in general a wasting of the whole body. It is a misplaced state of fever to the bones, It is now a rare disease to what it has been. The predisposing causes are said to be making the child walk to soon but the contrary is true, It has been said to be owing to a deficiency of oil in the bones, the remedies are of purging & other depleating remedies when attended with great morbid action, If weak morbid action Chalybeates bark

change of climate, fish oil is said to cure it, how does this act? whether by preventing the perspiration of the oily matter which ought to go to the nourishment of the bones, or being absorbed itself and answering this purpose? I am unable to decide these questions.

Of General diseases as they appear in the Skin.

These are important to 1st. Because they are connected with the state of the whole system, 2d. because they are offensive to the patient &c. I shall consider them different grades of the same disease & consequently an unit as much as a fever. The remote causes are first to great or too little excitement in the bloodvessels, 2d. vitiated state of the fluids 3d. vitiated state of the stomach or alimentary canal 4th. Sometimes it is unconnected with any diseases of a part or of the whole system, The proximate cause is morbid action in the cutaneous vessels & sebaceous glands. When they effect the skin they cause 1st. efflorescences 2d. sores producing secreted matter which causes scales 3d. schirri, The remedies are to be accommodated to the causes which produce them, 1st. see if they alternate with any general disease as Gout &c. they have been cured both with animal & vegetable diet, In plethoric habits depletion should be used & a decoction of Eupatorium perfoliatum oil & wine, Arsenic

from 1/16 to 1/10 of a gr at a dose, but above all a salivation. If the cuta-
neous disease succeeds one that has been of a long continuance & seat-
ated in important or dangerous parts, it (the cutaneous disease) should
be approached with a gentle & timid hand, a breaking out in chil-
dren will often yeild to a solution of sa ch saturn, I have seen Hy-
drocephalus brought on by repelled eruptions, I once heard of death
being brought on by a tetter being cured on the end of a child's fin-
ger, Ulcers behind the ears may be cured provided a seton be
put in the back of the neck & purges, low diet &c be substituted
Cutaneous diseases in old people should not be cured; If they
arise from a morbid acidity in the stomach, remove it by
an emetic, chalks, alkalies & the usual remedies for dyspepsia, even
Elixir vitriol will remove it when all others fail. When these e-
ruptions are from a vitiated state of the fluids, as from Scurvy &c
let the remedies be to suit them. The system is sometimes generally
affected affected by the bite of insects &c should not be neglected
when there is great morbid action in the blood vessels, the follow-
ing remedies have been found beneficial, 1 cold water 2d lead
water 3d sweet oil & milk, when there is great morbid action the saliva of a dog, salt & water
pressure tar & hogs lard equal parts, unguent citrinum, Hayli-
moods ointment as follows ℞ Alum & nitric acid ℥i sulphur
℥ii hogs lard. qs ~~the~~ unguent saturnin, and an ointment

made of hogs lard & sulphuric acid, 10 grs of corrosive sublimate dissolved in ℥iv of water, Calomel applied with the knife; during the use of any of these, purges & low diet should be used at least two doses of purging medicine a week, When these fail remove the cuticle & promote a discharge by blisters, or the arsenical solution. We will now proceed to speak of some of those cutaneous wh. require a specific treatment

Lurigo. This is either general or local affection, it is a distressing affection & partial itching & affects the vigina, glans penis, palms of the hands soles of the feet &c. the remedies are warm and cold bath, lead water, ung Citrinum sulphur & lard equal parts, Vf general & local, mercurial fricctions, ointment &c. Itching in the anus, when a symptom of gout should not be removed, Death has followed the removal of it, I have used a decoction of the Cortex Quercii with efficacy

Herpes or tetter. This is cured by all the remedies above mentioned both general & local, I have known it to go away by removing from the City to the Country, all the cutaneus diseases are sometimes cured by Fever.

Ring Worm. This is produced by an egg deposited by an insect & posesses locomotive powers. the remedies are Ink a little gun powder with water & diluted vitriolic acid or

Nitric. It is most common in the Eastern counties to leave depressions, according to Bolney.

Itch. It is worse in the North of europe & West Indies than here. the remedies are sulphur dry or moist, a shirt boiled in sulphur & then worne is excellent, mercurial ointment. we should persevere in the use of these remedies even after the disease has disappeared, but before you begin to cure the Itch inquire if the patient has he relieved of any other disease by it, If so it is better to bear the small malidy, than suffer a return of the greater. ——

Tenia Capitis or tape worm

This affects children chiefly. The remedies are general & local, the first are purges low diet &c. the latter are shaving the head applying the ointment, ung citrum or wash the head with soap and water & then a cataplasm of charcoal & water, I have cured two cases with this, one in one night & the other in 3 days, I have substituted an alkaline powder which I think preferable & which I have cured many obstinate cases, viz ℞ Chalk ℥j sal tart ℥ii ℔ and apply to the head mixed with hogs lard or moistened with water, It is often produced by unclearliness Dr. cured a scrophulous ulcer on the neck, by putting

lice in the patient head & thereby exciting a new discharge.

Ridiculous or Lousy disease.

This disease is the effect of uncleanliness, It occupies the regions of the arm pits pubes &c. The remedies are a decoction of tobacco corros sublimate & tinct of larkspur with spirits, &c.

ULCERS. These belong likewise to the diseases of the skin I have but little to add here to what I have said in my Inquiries, I have been much more successful since I have treated them according to the principals of my theory of the unity of disease, I shall however add a few remarks, 1st a sticking plaister 2d a decoction of walnut leaves, tobacco, digitalis, holding a hot Iron near them, pledgets dipt in a decoction of peruvian bark, dirty wool burnt under the sore, washing it in lime water, salt dissolved in wine cured Dr. Beddoes of an ulcer of 5 years standing, fermented poultices, change of climate Dr. Cleghorn says that sores will with difficulty heal in Minorca especially in hot weather, Cold & wet weather affect the ulcers in the P. H. an easy state of mind is of great importance in the cure of an Ulcers

BURNS. These should be treated as in other local diseases, when they bring the system into sympathy Purges low diet cold water, lead water &c.

I have found stramonium ointment of little service, Oil of turpentine is much recommended & may be used in recent cases only.

Blood.

of local diseases as they appear in the blood &c.

Blood This was once thought to be the scource of all diseases. The supposed viscidity of the blood is owing to slow coagulation. Putrifaction cannot take place in it while it circulates altho' much has been attributed. The different colours of blood depends on oxegen & bile, these colours are black red green & yellow the red colour is owing to oxegen, the others to an absorption of bile, the remedies are to be suited to the causes of the diseases. The black colour is owing to a stagnation of bile & the absorption of it, Tonics or depletion may be used as occasions may require.

In the secreted fluids.

These secretions of the body are liable to change in quantity quality &c. the remedies are diluting drinks when too viscid or acrid &c.

On the Skin & hair

The black colour of the negroes was probably owing at

point to a Leprosy contracted in africa & transmitted from one generation to another; The hair is liable to fall out & to split, this is owing to a cessation of growth. It may be prevented by cutting of the ends & washing the head with brandy & water. —

In the features of the face. —

Deformity is a disorder & is owing to irregular growth of flesh or bone, in the beginning it may be cured, but when of a long continuance is of a long continuance is incurable, It is reason & Religion that give dignity to the human countenance Negroes have vacant countenances for the want of them. —

In the cellular Membrane

These are owing to water, habitus & air, water in dropsy; habitus in hysteria & great debility of the system & air occurs from wounds & fractures in the Pleura, both of which last is cured by pressure, Habitus is cured by pressure & tonics & air by pressure & fractions "

In the organs of speech, trachea, lungs spleen omentum Kidneys & Bladder —

Hoarseness. This cannot be caused by the muscles of the organs of speech, tumors in the lungs, calcareous matter deposited in the trachea & lungs, Ulcers or topi in the trachea, dryness of the trachea, there is sometimes a symptom

Catarrh & often independent of it. It sometimes alternates with head ache, goes of in warm weather & returns in cold it is greater in cold & is occasioned by the suppression of ~~wire~~ perspiration & is quick in its appearance, I have seen it the only symptom of ℣ fever, the are if from tumors emetics or opening them if from topi or ulcers a salivation, when from cold or alternating with other diseases if the pulse be asteno ℣. when from want of tone in the trachea, tonics, vapour bath emolcents drinks blisters, vapour of hot vinegar, if all these fail a salivation.

Paraphonia, or, Whispering

This may arise from a weakness in the glottis & tumors in the trachea, It occurs after fever, catarrhs, paralysis of the lungs & I have known it succeed typhus fever, when it is curable, the remedies are blisters salavation &c. a squeaking voice arises from a diminution of the cavity of the glottis & perhaps the trachea & is cured by a salivation. — — — — — — — —

Aphonia or total loss of Speech. — —

This arises from a paralysis of the muscles of the

Syrynx & glottis & is cured by blisters electricity & a salivation. —

Stuttering.

This is a convulsive motion of the larynx, tongue & lips, it is sometimes suspended in diseases as Intermittents & remitting fevers, It may be cured by learning to speak & sing very slowly, It is sometimes induced by terror, I have once seen it hereditary, It is guttural, lingual & labial. the chief indication seems to be to give tone to the organs affected when it is in the glottis, what would be the effect of hallowing, imitation of demosthenes, or electricity? when lingual only what would be the effect of pebbles, when labial, what would be the effect of gently irritating substances, and salivation for all. —

Tracheal Gleet. —

This is a preternatural excretion & secretion of the trachea. It is sometimes very offensive to the taste & smell & predisposes to consumption. the remedies are tonics, I have known it to discharge externally, could not a similar artificial discharge be made in in an alarming or troublesome disease. — —

Lungs. —

They are affected from a disproportion to the size of the thorax producing dispepsia & from irritability producing asthma. We come next to a difficult part of our course viz the diseases of the Urinary Organs. —

I shall attempt a new theory on this subject, but shall only deliver facts in support of it.

Suppression of Urine.

This is frequently owing to a stone, calculous &c. in the bladder I shall therefore mention how they are formed. There is always in us originally a calcareous matter & it is owing to a superabundance or decomposition of this last that calculous are formed, This calcareous diathesis is present in all animals a stone of 24 ℔ was once taken from a horse but these animals suffer less from their horizontal position some nations are more subject to it than others, Stone and calculi are not only found in the bladder & kidneys, but likewise in the viscera, more especially in the lungs, also, in the joints, wax semen & even the discharge from the skin.

Women are less subject to it than men owing to their having a short urethra, & from calculi passing with the urine thro' the urethra in them more easily than in men, these diseases are more common in early life than in middle life, Malliquous have been accused of it, abounding in acid they have certainly a tendency to produce it, The Nucleus on which stones are formed are of various kinds, they consist most frequently

of different compound particles of blood, some waters produce it more than others, those deponting most earthy matters are most likely to produce it but to this are some exceptions, well water more than running water is the cause of this disease, some drinks are more vanourable to produce it than others, It is often hereditary; the remote causes are pus, mucus, extraneous matter, abrasions of the mucus of the bladder, It is excited by exercise hard drinking, hard riding, long standing which weakens the kidneys, a decomposition of of calculi takes place, 1st from to long retention of Urine, after the bladder is full; indigestion sedentary life, lying on the back, imperfect partial or slow discharge of urine, from a weakness of the accelerator ies urino, the older people grow the more frequently they are necessitated to make water they should be extorted to discharge the contents of the bladder compleatly, when gravel is in the kidneys pain is felt in one or both sides, the pain extending down the thighs, a retraction of the testicles itching of the penis, numbness of the leg sickness & vomiting, bloody urine, suppression of urine & a large quantity of pale do.; when in the ureters the symptoms are nearly the same but more acute, when in the bladder a frequent desire to make water & when passing gives great pain an itching on the glands penis.

The pain from gravel is pre-eminent over all others in point of intensity. The calculi are of different matters & they all effervesce with the Nitric acid, without loosing any of there weight thereby. Dr. Black says that the substance of the stone is an animal concretion, the earth, the earth the same as the bones. The remedies are such as are proper during the paroxism & such as are proper during the intervals. For the paroxism is regulated by the pulse vomits, injections, lenient purges, particularly castor oil, liquid laud warm bath, onions to the pulse & perineum, diluent drink & when the urine is obstructed the Catheter must be introduced. To obviate a return of the paroxism, that class of medicines called Lithontriptics should be used, as caustic alkali, salt soap, lime water, vitriolic acid, aqua Mephitica / a solution of potash impregnated with carbonic acid / astringent vegetables as Uva Ursi, wild carrot turnip seed &c. they have been said to dissolve the stone but it is not so. as tonics they obviate ~~sensi~~ debility & destroy sensibility. Gout after 30 years causes no pain, so is stone after a long continuance no pain is felt. The remedies that have been said to cure stone have only destroyed the sensibility of the parts & thereby suffered the stone to lie all the life in the system without pain, Cold bath to the external regions

of the kidneys if the stone be there & functions at the same time. ingesting solvents into the bladder, as lime water saliva gastric juice, this last was once thought to answer but from Dr Dorsey's experiments we are led to hope very little from it, he found the gastric juice of hogs to be more powerful than that of any other animal calculi in different persons or in the same person at different times are composed of different matters, consequently we can have no universal solvent. Gentle exercise is proper, it does good by the perspiration it excites, for the urine is found to contain less of the lithric acid when there is great determination to the pores, hence the benefit in living in a warm climate Morely relates the case of a man who was entirely cured by going to the West Indies that was severely afflicted with the stone, drinking large quantities of running water, when the calculi is in the kidneys green tea, a diet of sugar, black Berry jam or boiled sugar, avoiding all the exciting causes, as aliment lying on the back, incomplete discharge of urine, riding in carriages on the roads, costiveness, cold fatigue & all the causes of morbid excitement should be avoided, the success of medecines in this disease depends upon their being used, when there is apparently the least necessity suppression of urine arises from the following causes, 1st from shaked kidneys small pox blisters

of Cantharides, the remedies are bf & cold air purging &c.
2d. from pressure of the surrounding parts especially the Colon
as Cholic, here bf purges & Clysters are proper. —

Ischuria. —

This arises from causes acting 1st. Internally as gravel or stone
2d. from pressure of the adjoining parts, when it arises from piles
the remedies for that disease are proper, when from obstructions
of the menses remove them. sometimes there is a suppression
from causes acting on the muscular fibres as spasms, convul-
sive, hysteria tetanus, sometimes from an over distention of
the bladder, then the Catheter must be used the remedies
are bf. purges going into cold air & warm bath, sometime
it is from a paralysis of the fibres of the neck of the bladder
& occurs in the last stages of certain fev fevers. the remedies
are the same as in general disease, also the catheter must
be used. when from partial causes it is of a chronic & re-
quires powerful stimulants, as Opium tinct of Cantharides
warm & cold bath electricity salivation, if all these fail
tapping above the pubes must be resorted too, it some-
times arises from obstructions in the urethra which is
cured by filling the bladder with water & discharging

with force. when from the use of Cantharides, &c. demulcent drinks 30 gutts of Laud & a gill of spirits acts like a charm. the Liver Spleen, Lungs &c. I shall say nothing of having spoken of them under the head of the hepatic, pleuritic, splenitic &c. states of fever

In the heart & Bloodvessels

The heart is subject to spasm, palpitation, polypi &c. These two first are in the reach of medesine only. Spasm may be known by a slow pulse & is cured by Vs. Palpitation by small & frequent Vs, purges low diet &c. The arteries are subject to ossification aneurism & polypi, the veins to varicose which is commonly in the legs.

In the Nerves & Brain.

I have called the excess of sensibility superesensation & the excess of sensibility & irritability constitutes mobility. Torpor is the absense of both, Morbid sensibility is sometimes confined only to the sense of touch, but sometimes extends to the senses of seeing hearing tasting & smelling. Case of a Lady that was cured by a salivation, the excess of sensibility, I mentioned when on fevers was a favourable prognosis. For the chronic state of this excess of sensibility gentle friction cold air, salivation exercise & Vs if it arises from a wounded nerve destroy it with the knife or caustic. — —

Morbid excess of sensibility discovers itself by sudden starting in sleep & convulsions from the least touch &c. I once attended a Lady who was convulsed by by feeling her pulse, she was cured by ℞ & salivation, In this irritable state of the system there is generally little sensibility. I have known it to be removed by rheumatism, this suggest the idea of giving pain to relieve it. Mobility is seen in hysteria epilepsy &c. Van Swieten bandage should not be regulated neglect & also cold bath & exercise. Torpor is produced by heat cold & narcotics the Remedies are to be accommodated to the causes, if from heat cold is proper & vice versa Torpor appears by the languid motion of the muscles coldness of the skin &c. & for the acute form by purges & low diet & for the chronic hot baths & salivation & exercise, defect of sensibility & irritability appears in the typhus state of fever & hence patients often burn their feet &c. without being sensible of it It appears chiefly in atonic madness & fatuity. the remedies are the same as for those diseases viz hot & cold Bath mercury pills &c. ——

we come next to speak of an important part of Practice of Medecine viz. ——

In the senses & first in Eyes.—

Squinting.—

This is owing to a weakness of one or more of the muscles of one or both eyes The remedies are placing the child before a looking glass, & making it view both of its eyes reflected, from this, this should be done at least twice a day 2d viewing small objects 3d spectacles confined over the eye so as to direct the pupil in a proper direction 4th gentle stimulating applications 5 avoiding to view objects sideways or upwards, there is sometimes a defect at the ordinary distance at wh. objects are viewed, those who have it are called Myopes. those with it see better in the dark than others It depends upon to great a convexity of the chrystaline lens, a depending situation of the head favours it they remedy is concave glasses suited to the convexity of the lens, there is another preternatural defect of vision called Presbyto. who move the objects from them when they wish to see well, It is owing to a great flatness of the chrystaline lens It is the first symptom of declining age & vision. the remedies is convex glasses suited to the flatness of the lens.—

Gutta Serena.—

This is either partial or general & arises from a compression of the optic nerve & palsy of the retina, Halloing, coughing intense light Apoplexy &c. will produce, the remedies are by supping purges low diet, setons in the nesk, enrhines electricity salivation &c.

the steam of hot coffee & spirits of wine have been recommended sometimes it appears to be in one eye for a considerable time without the patient knowing it. It may be however known by the patient not able to thread a needle, or snuff a candle as he aught. when recent it is easily cured. I will now give a few directions about preserving the eyes 1st avoid reading by too much light, or having it one side or in front, it should proceed from behind the back & over the shoulders 2d avoid a glare of light, there are many cases of blindness from the above causes, horses have often their eye injured by coming out of a dark stable into the sun 3d avoid reading to small print or the same print a length of time, thus you have seen the pupils of the eyes recoil at a long confinement to one object. the same as the leg by long standing on it. the most easy posture at first will become painful after a long continuance 4th avoid pressure on the eyes 5th use spectacles as soon as the sight begins to fail. let not the eye be placed so that it will be long in one position to view objects & that the muscles, may not be strained, looking up as when reading in bed & down as when by the fire is very unnecessarily, because it strains the muscles

We next come to deafness. ———

Deafness.

This brings on langour low spirits & sometimes impairs the mental faculties & intellectual faculties, this langour sometimes diffuses itself over the whole countenance, it causes are general & local, the general causes act on the whole system as 1st cold in the head after head 2d catarrh obstructs the eustachian tube 3d repelled eruptions as old sores, 4th stoppage of the usual evacuations 5th certain diseases of the stomach & bowels as costiveness 6th Inoculation & salivation, the local causes are large quantities of wax in the ears than natural, tumors obstructing the meatus auditorius, swelling of the parotid glands, relaxation of the drum of the ear, deafness is not uniformly from this last cause, palsy of the auditory nerve hence in old age we die of an universal palsy, the palsy shews itself 1st in the eyes, then in the sphinster of the bladder, the alimentary canal, by costiveness, then in the ears &c till at length the whole body is affected, certain extraneous matter getting on falling into the ears &c till at length insects, foreign stones &c preternatural dryness of the parts about the ear, the remedies are to be accommodated to the causes & first of general causes when from general inflammation attended with general fever, vertigo head ache, congestion &c by purges, low diet blisters & venesections are proper, when from repelled eruptions restore them, or substitute blisters issues &c when from diseases of the stomach & bowels the remedies

for them must be used, when from catarrh obstructions of the eustachian tube, snuff, a solution of sal ammoniac ℞ ℥ when from obstructed menses, restore if possible or supply their place by ℞. when from costiveness Laxatives ℞ from Inoculation the remedies to suit that are proper. When from a salivation the remedies used to check it, or carry it off are proper, when from local causes accommodate the prescription according to the nature of the local substances, an infusion of oak galls & bark to be injected in the ear are proper, when wax is the cause wash it out with milk & water or extract it with the forceps, when from a relaxed state of the parts or drum of the ear, tonics stimulating injections, a solution of sal ammoniac or a loud noise, when from tumors, excision & discutient ointment & when from an affection of the parotid gland the same, holding down the head pressing the jugular veins might probably be of service a rupture in the ear is incurable, by art; When from palsy Oil of amber tinct Cantharides, common salt electricity & Cold Bath, a salivation has cured deafness when it arose from Palsy. I have found the common salt to be the best thing that I have. I always advise it from Palsy & wax a little to be thrown into the ear & a piece of cotton at night & washed out next morning. When from fruit stones or insection spirit of wine & amber, when from dryness com- mon salt

Tinnitus Aurium. This arises from a convulsion of the bones of the ear, the remedies as above suited to the causes, deafness is often periodical from moist & dry weather, to prevent it wool or cotton should be worn in the ears, warm caps & wigs should be kept on, & cold bath, Jones & others made use of. deafness may in some degree be obviated by turning the ear to the speaker or the noise you wish to hear, opening the mouth when listening pressing the ear forward & assisting it by the hand, caustics, acoustics speaking thro a tube subject to deafness letting the voice upon descend. speaking in different tones small sounds are heard when great ones are imperceptable, It is generally observed that deaf persons open their mouths when they wish to hear "If a watch is placed in the mouth so that it does not touch any part of the mouth, we cannot hear it tick."

SMELLING. — Sometimes there is a total absence of the sense of smelling & sometimes it is congenial, sometimes induced by catarrh, ulcers in the nose polypi, & palsy. The remedies are to be suited to the cause. If from catarrh &c. purges &c. are proper, from ulcers low diet, amin ointment, from Palsy, stimulants errhines volatiles vapours of vinegar &c.

TASTE. There is sometimes an absence of taste after the crisis of a fever I have known a chronic case of it in a Lady Jonce knew it to continue 6 weeks in a Lady. there is some times

a morbid sensibility of the taste, by the sameness of food & is sometimes hereditary. It is cured by resolution. There is sometimes a bitter sweet saline taste musty & acrid taste, in the mouth & proceeds from the stomach, in which case vomits blisters &c are proper. If from the salivary glands use detergent or astringent mouth waters. —

Touch. Insensibility to heat & cold takes place in disease & will be removed when you remove the disease itself, touch is sometimes very acute in fevers particularly to heat & cold as in consumption. the remedy for it is resolution. to prevent the effects of the solar light & heat the dress of a white turban is used in Turkey a high crowned hat with a white turban is proper to keep of the heat of the sun. Never stand in the sun, drink as little as possible in the forenoon, never drink very cold water, water moderately warm quenches thirst best, heat may be lessened in a house by letting down the window shutters & excluding the light, the fewer windows in an house the cooler it is, sleeping on a mattrass instead of a bed in summer, when a disease takes place from the heat of the sun. If for indirect debility & warm baths, but take care that the system is not below the point of reaction, also the pediluvium & warm bath, the former stimulates & creates a new action, Cold air, we may defend ourselves from by stimulants to the nose feet & mouth, to prevents its morbid effects a full meal

fermented & distilled liquors, but above all a draught of strong coffee taken just before going out, protecting feet & when riding to have wool put round the stirrup. Irons, shoes or boots allowing most motion to the feet are best, washing the feet in cold water every morning winter & summer serves very well to defend them from cold protecting the hands with gloves the ears with caps of wool & the whole body with thick clothes, avoid setting by the fire in weather not very cold. when a part is frostbitten, it should be first put in cold water & brought by degrees to animal heat, the cold water is warm compared to the diseased part Pet applied to the breast & then covered with something to protect their breathe, swallowing tobacco juice has saved life from cold. I once heard of a young man that was thrown from his house, & swallowed some of the tobacco juice, while he lay on the ground insensible he was found in a profuse sweat & was roused to a healthy enjoyment of his natural warmth & got perfectly well. —

FAMINE. symptoms. a diminished excretion by stool, cold feet moral faculty deranged, loss of perception delirium, fever, absence of appetite death. Children & old people suffer more readily from hunger & thirst. desire to live has great influence in preserving it. Life will be longer preserved when water can be had, taste by obviating acrimony.

Remedies are taking small quantities of water cold & warm, chewing tobacco, calcareous earths, strong smell oils, Gum arabic, sugar, these have preserved life a long time, & bathing the body in salt & fresh water, tying a tight belt round the abdomen.

Thirst. the remedies are taking water only, taking warm water chewing tobacco & bullets. ——

Diseases of the Organs of Generation of both sexes & first of the males.

Impotence. This is congenial from malconformation, acquired by intemperance in venery & onanism, hypochondriasis, or a belief of impotence. the remedies for it when acquired by intemperance in venery & onanism are tonic diet & drinks & cold to the perineum, when from hypochondriasis or a belief or a belief of impotence, the remedies are the same as for hypochondriasis.

A Stillicidium. of the liquor of the prostrate gland or the ejection of seminal fluid when asleep, the remedies are a loose diet, preventing the rectum from pressing upon the vesiculo seminalis, chalybeates & local cold. ——

Seminal weakness. This is brought on in young men by an excess in onanism, a young man told me with tears in his eyes that he was obliged to tie his penis down every night to prevent his committing this sin, I refer you to Dr. Lizot's book, It is brought on in boarding schools were a

number of Boys are huddled together, It brings on many diseases, It is to be prevented by making them sleep alone, & by keeping them out of bad company &c.

Nocturnal Pollutions.

The remedy for which are preserving a lax state of the bowels, a vegitable diet, lying on the side altogether, wearing tight drawers so as to prevent an erection of the penis, Opium this acts by inducing sleep, as to prevent dreaming without which I believe there can be no emission, local cold bath, tinct Cantharides, salivation, maturing the genital organs acquire strength by their natural use, ligature around the penis before going to bed, to all these religious books & good company, & lascivious ideas avoided, secondly of the diseases of the Females. Furor Uterinus, This is know by a flushing of the face, turgescence in the vigina & lascivious looks words & actions &c. it sometimes induces mania, the remedies are by purging low diet & removing the patient not only from the company but the sight of man & from every thing that wou tend to produce lascivious Ideas, If you can make her ashamed you will do much to affect a cure.

Barrenness. It causes are general & local, this is caused by general weakness flour albus, hysteria, cancerous & schirrous ovaria & uterus, intemperance in venery, a distended rectum, the liver may likewise to produce it. an excessive desire to

to bear children is the cause that many do not have them. Women bear children under influence of the most dangerous diseases, as Consumption flour albus Epilepsy mania &c. the remedies when it arises from general debility are tonics exercise, sea bathing cheerful company, introducing a pod of pepper into the vagina, the remedies when it arises from organic affections are to remove them, when from flour albus the same as for that disease, When from an excess of sensibility a fit of severe sickness, when from obstructions travelling & change of climate, Lingual affections after a long absence? —— Of the diseases peculiar to Women Children Negroes & old age & first of ——

Women. They are subject to all the diseases of men & have besides some peculiar to themselves, from the laxity of their fibres & from menses, leucorrhoea, parturition &c. here if we pay particular attention to the pulse & prescribe accordingly & give tonics now & then according to the state of the system, we should often prevent Epilepsy, Palsy, achirri cancer & death, as in suppression of menses no remedy should be prescribed without attention to the pulse, so in cessation, we prevent these diseases, the absence of menses also the obstruction & retention of them were they general or local diseases, If fever or tense pulse attends bf. If great debility, tonics, as rust of Iron with

Alum Puligii aromatics as Cloves, mace ginger &c.

Leucorrhoea. — It is a thin whitish mucus discharge from the vagina, its colour however varies, It is sometimes so acrid as to excoriate & inflame the pudenda. It is a corrupt of the vagina, I have seen it in robust virgins when its a general disease but it is more common in weak habits, where there is generally an obstruction of the liver, It is sometimes mixed with the menses & supplies their place. The remedies are general & local are injections &c. ℞ sacch sat ℈i Corros sublim 1gr. aqua ℥viij is an useful injection, the general remedies are Bark wine, steel pott wine & a chronic use of mercury. It is sometimes a fatal disease & the patient dies with the symptoms of Pneumonicula This is a distressing disease as it prevents child birth & sometime proves fatal from the excess of the discharge, It may be called a Uterine consumption & should be treated like that disease or a preternatural secretion of menses from the trachea, It is distinguished from Gonorrhoea by its ceasing during pregnancy

Pregnancy. This is disease I infer from many causes, it is proven, by the signs being the same as those of other parts of the body. are parts inflammed disposed to bleed yes, so doe the uterous in a state of pregnancy, hence the, co-chia

which are nothing but a bleeding performed by nature? does Inflammation produce schirrie abscess, cancer in other places? so it does here, that the menses are a secretion I conclude from their not coagulating. Does Inflammation produce a tense pulse? so does Pregnancy Does Inflammation produce chillness size blood &c? so does pregnancy? let us next attend to the membranes from Inflammation of other parts? so they do here. Dr. Hunter found the membrane decidua, to be just like the membrane of the trachea in Cynanche trachealis. Does Inflammation produce size blood? so it does here invariable. Does sickness of the stomach, nausea &c attend all kinds of morbid action? so it does here. Breeding sickness, this is to prevent Plethora & disease & abolition by taking away the appetite, There is to much morbid excitability, transferred to the Uterus: if this breeding sickness is absent. It generally begins on the 3 4 5 & 6 weeks after conception, It is relieved of Opiate, lime juice Opium chewing ginger bread biscuit &c I have known Opium to give instant relief, but above all fresh air & exercise, lying in bed. Tooth ache is frequently a symptom, it is said to dispose or produce abscription, but this is not a fact: It should be drawn if this be objected too. a Blister behind the ear & hand should be given. & a diet of vegitables & taking magnesia or some Caraline medicine whenever they a costive. ——

Costiveness. This is rather a sign of Pregnancy & is relieved by Magnesia & Involuntary flow of urine sometimes takes place, I have known it in one case to be the first sign of Pregnancy. The remedies are all those mentioned as formerly recommended for that disease with the addition of bandages around the abdomen to depress the uterus & keep it off the stomach.

Cough. The remedies are the same as alone; **Jaundice**, the remedies as formerly mentioned.

Menorrhagia

This sometimes occurs in Pregnancy & even regularly every month if the blood comes from the vagina no danger need be apprehended, unless the quantity be greater than usual. The remedies are the same as formerly mentioned.

Convulsions. I used to think these were always fatal in pregnancy, but I do not think so now, V.S has convinced me of the contrary, it should be used very copiously, I have drawn 50 oz Ur. H. drew 100. During pregnancy great care should be taken to avoid pressure on the breasts & nipples, & diseases of these are frequently induced in this way, the nipples before parturition, should be frequently out in order to stretch them & prepare them to pour out the fluids when called for. It has been a disputed question wether V.S should be used during Pregnancy, but we might as well

dispute the propriety of it in Malignant fevers. During pregnancy the remedies are bl purges & low diet. bl not only lessens the pain of child bearing, but shortens the process, prevents swelled legs sore breasts &c. gentle exercise is proper. In the months in which abortion is feared bl should be used, after abortion exercise change of place &c. The disease of parturition is much more acute than that of Pregnancy: before parturition small & frequent bl. during labour, if the pulse be full & tense, or if violent convulsions supervene or if the parts dilate with great difficulty bl. is a most invaluable remedy, bl prevents Puerperal fever &c — after parturition rest silence & few visitors as possible. Dr. Lisse of paris has lately recommended purging immediately after parturition. The diseases after parturition are sore lips, deficiency of the menses, sore breasts & nipples, these sometimes occur from cold & fevers. the remedies are bl & gentle stimulating poultices of Bread & milk &c washing them with brandy, milk & water &c. if there fail the lie poultice should be used it is as follows

℞ stale beer ½ pint, lie a gill, bread a sufficient quantity to make a Poultice & a little hogs lard, the child should be put to the nipples as soon as possible. swelled legs are relieved by bl purging low diet &c. I have known them to terminate in gangrene, also salt & water, peruvian Balsam cold water & the belly should be bound up 6 or eight weeks after delivery to prevent flaccidity.

Milk Fever. this yields to lenient purges, diluting drinks &c.

Puerperal Fever. This is a rare disease in this City in consequence of the depletions during Pregnancy. It comes on at different times sometimes 6 weeks before delivery, it generally begins with cold feet dry skin & thew moist tongue at first white & moist then brown & dry, cold back torpor in the extremities, the pulse varies, sometimes typhoid, typhus, synocha & in short all kinds of pulses, a sense of uneasiness in the belly & side, pain sometimes extends to the short ribs & scapula, also the bladder & rectum, face sorrowful, sighing tremors subsultus tendinous, delirium, sometimes so weak as not to be able to turn in bed, cough nausea, vomiting diarrhoea, costiveness, green yellow & black stools very fœtid & passed involuntary, lochia sometimes suppressed, the milk is small or unusually great in quantity, miliary spots on the joints &c. all these & many more are noticed by authors, it duration is from 24 hours to 3 - 10 - 15th & sometimes to the 22d day, when it assumes the typhoid state, the pulse sometimes slow, great difficulty of breathing & sometimes abscesses attend on the legs, dissection shews inflammation or mortification in the omentum, uterus & vagina, intestines liver & spleen. It causes are but two 1st acrid matters in the uterus & intestines aided by hot & confined air 2d an inflammatory constitution of the atmosphere, hence it has been thought to be an Epidemic, Gordon remarked that every woman that was

delivered had this fever & supposed it was an Epidemic. It often terminates like a malignant fever & sometimes runs to a typhus. The remedies are bl. if the pulse be tense or full or when weak or depressed in the beginning of it especially if an Inflammatory action be present at the time. I have used it for these 30 years past. Gordon says he found small bleedings very improper but large ones very good, he says the indications for bl were more urgent than in Pneumonia, Gentle Cathartics wh should be regulated by the pulse & they should be given to create diarrhoea & prevent costiveness. Dr. Dulcet used emetics, they are most proper when bilious & intermitting fevers are present, or when accompanied with nausea & vomiting. It has been disputed whether Opium be proper or not, but it is both improper & proper according to the state of the system & pulse. It is generally very proper about the 8 or 9th day, when there is an excessive diarrhoea. The dispute about barks & blisters may be settled in the same way here the state of the system & pulse should regulate their use. Fomentations to the belly, volatile liniment, fresh air & exercise. In dangerous cases, Salivation, the sooner the disease comes on after parturition the better. Prognosis, Costiveness, cold sweats are unfavourable, a constant flux or retention of the lochia is unfavourable, a moist & lax skin & sweats & unfavourable vomiting dark coloured matter is unfavourable, Absence of milk & profuse sweats unfavourable, when Petechiæ

appear, great danger is to be apprehended, the weaker the pulse the greater the danger.

Diseases peculiar to Children

Children sometimes die immediately after birth by suffocation in the liquor amnii, when they cannot be relieved by other remedies sometimes blowing into the mouth revives them. 1st from hiemus nas lentrinum wh. is brought on first by a retention of the meconium 2d. by cutting the umbilical cord with dull instruments, 3d. from a hot or smoky room. To prevent it from the first cause purges are proper, from the 2d spirits turpentine to the umbilicus & from the last an airy room. They are sometimes tongue tied, here the ligament under the tongue should be cut with a pair of round edged scissors. This should be deferred until the child is a month old or any time between that & the 3d. month.

Imperforated Bowels for this there is no remedy.

Red Gums. Here there are eruptions & red spots on the skin, it is not dangerous.

Spina Bifida. This I have generally found fatal but caustics is said to have cured it.

Aptha. This is a fever from the action of air & aliment upon the Bodies of Children soon after Birth, it is more fatal at N. York than at Phil.a I suppose the sea air makes the difference, gentle purges, washing the mouth with Molasses & water is good. Milk is sometimes found in the breasts of Children for which discutient plaisters are proper

& we should peremptorialy forbid their being squeezed, I have seen tumors formed by these means wh required extirpation.

Belly Ache. For this magnesia the alkaline salts &c. Laud should be given & the animal regimen pursued. It has been proposed to obviate the belly ache and other diseases of the alimentary canal of children, by keeping them from the breast, but this founded on improper observation & wrong inferences, such children that are brought up exempted from the mothers are more subject to acute diseases & seldom live long.

Costiveness, here syrup Rhei, corn meal pap &c should be given.

Dentition. Diarrhoea, gonorrhoea & convulsions sometimes attends this, the remedies are Clysters cool air Laud & cutting the gums

Cutaneous Eruptions, their cure should be succeeded by purges & sores behind the ears should not be healed without a substitute for them or purging afterwards.

Warts, On the side or tip of the tongue sometimes occur the remedy is excision scissors, sometimes there is an inability to make water from the prepuce being confined upon the glans penis, the remedy is circumcision, sometimes boys have a paraphymosis from playing to much with that organ, the remedies are cold water, taxis gentle pressure lead water gentle scarifications &c.

Prolapsus Ani. The way to reduce that, is to wrap a cloth round the finger, push up the gut to its proper place & retain it there, with astringent applications, Children are sometimes with ringworms on their heads. by

Bruises in coming into the world, or from falls, It has been said to be owing to the bones, but it is an enlargement of the cartilages only & will go off of themselves, when pains they should be extracted, By walking or attempting to walk, children often fall & bruise their heads, a fall upon the head should always be attended, there is less danger when blackness, a wound &c. attend it, The remedies are of purges & low diet, they should be permitted to creep before they walk & by that may acquire the use of their hands, after 3 or 4 years there is less danger to be apprehended from falls, as the bones become much firmer, injuries to the limbs are seldom dangerous, except the hip joint, they should be treated by of purges &c. all stimulating applications are hurtful, It is remarkable how seldom the die from cherry stones &c. which they thrust up the different cavities of the body, they should be extracted. —

Cholera Infantum. the remedies, are of purging Emetics Opium &c. — vide my Inquiries. —

Tabes Infantiles The symptoms of this are pallness, restlessness, vomiting of milk, lientery inordinate appetite, partial digestion Sought sweats, finally the hypocrates countenance, Remedies are Bark wine, animal food, cold Bath Country air Exercise. —

Erysipelas Infantile. This is one of the diseases of children & is mentioned only by Underwood. It sometimes passes suddenly from one part of the body to another, It generally affects the lips thighs legs legs &c. & it is often fatal. The remedies are the purges & antiphlogistics or Tonics according to the state of the system, I have seen a cure cured by Tonics only. In all diseases of children at the breast great attention should be paid to the diet of the nurse or Mother who suckles the child. if the disease be of great morbid excitement, the mother or nurse should be kept upon a low diet, when there is weak morbid action the diet must be nourishing.

Worms.— The worms that infest the human body are the Lumbrici or round worm, the tenia or tape worm & the ascrides. the round worm exists necessarily in the bowels of children, in order to take off the excess of aliment they are apt to take in. they are only hurtful when excessive in number or when they get into improper places they then produce many diseases, as Apoplexy, Epilepsy, hydrocephalus internus, coma convulsions, grinding, attempts to swallow in sleep, difficulty of swallowing, dry cough, sudden starting in sleep, cardalgia, vomiting, frothy expectoration, colic, costiveness, singultus, subsultus tendinum, slimy stools, night sweats, pain in the belly & lying upon it, picking the nose slow or intermitting pulse, atrophy, sour breath, inordinate appearances of chyle in the urine, a sudden rising or subsiding in the abdomen. this is owing to the Liver being distended & oppressed with blood & chyle

& as soon as the liver has performed its duty & relieved itself into the intestines, the tumor subsides, a swelling of the alonasi & upper lip. But all these symptoms are liable to lead us astray, I know but one that can be depended upon and that is a discharge of them, but even this is not a sign of their being a cause of disease, It is not always to be depended upon, as we see them discharged in measles small pox &c. A sudden swelling & subsiding of the abdomen & shyle in the urine are symptoms that will strike your attentions, they are more common in Girls than in Boys in the ratio of 3 to 1, In fevers worms are present, The remedies for the round worm are chemical & mechanical, the mechanical are purges, powder of tin steel, cowage & common sand the chemical are first of the vegetable kind, as sugar molasses, sweet fruit, pink root, cabbage tree of Jamaica & any thing sweet, 2d of the saline kind as common salt in tea in the form of Gunpowder arsenic calomel, tin and all the preparations of Iron, these two last act chemically as well as mechanically, I generally prescribe the rust of Iron & common salt of each 1 oz 20 grs every morning & if there is no worms the prescription is not lost for it strengthens the stomach & is excellent in chronic diseases supposed from worms, fasting & taking a pint of cold water in the morning & then taking a purge of calomel & jalap has discharged them, In acute diseases supposed to be from worms Calomel & Jalap are the

best remedies, I have found sugar given to children always to prevent worm diseases. Nature seems to have implanted in children an appetite for these things on purpose to prevent worms, these are salt sugar & ripe fruit, It is worthy of notice that children are less subject to worms than formerly. Cholera Infantum was once thought to be the effects of worms, but however improper this may be, their effects should not be overlooked in examining the causes of disease, I have only to add that worms may exist & be not discharged by stool & that the diseases or effects they produce may exist from habit after they have been expelled

Tænia or tape worm. This is seldom the cause of disease & is very rare in this country, I have only had 4 cases in the 4th a Girl of 14 there were no apparent symptoms of disease. She should be immediately expelled & for this purpose we should use the most powerful of the mechanical remedies, the powder of the root of fern, of tin & the rust of Iron are the best, Case of a Man who had discharged ~~some~~ 200 feet of worm before I saw him, I ordered him rust of Iron which discharged some feet immediately after taking it Dr. Physick knows a family in wh. it is hereditary. —

The Ascarides are seated chiefly in the rectum & are to be expelled by clysters of tobacco, salt & water &c. attention must be paid to the diet of the mother or nurse. Pure air, cleanliness, port wine, exercise, cold bath &c. is very good to prevent the summer complaint of children. ~~but this is not the case~~ 1st. their diseases are more

early known & much more simple & easily cured than those of adults 1st. these diseases are fewer in number 2d. the associated actions in children are less disseverd, hence medecines act more promptly on them 3rd. Nature operates with medecines more in children in relieving them, than in adults 4th. the Premonitory symptoms are more perceptable in children, which are observed in their unusual sprightliness, langour at times, &c. 1st. Because they are not so complicated, their constitutions not being broken down by long continued excess of intemperance 2d. they have less mind about them & do not feel the dread of death 3d. they are more unequivocally made know to us by their pulse eyes & countenances. All the symptoms are less diminted in children than in adults, hence blisters to the feet of children in diseases of the brain relieve more quickly than in adults. —

Diseases peculiar to Negroes

first of Yaws! This is an African disease see the 6 vol of the Edinburgh diss Miscell: the sores appear in one month after the disease is perceived, In weak habits it is attended with tumors, It is propagated by contact and rarely affects whites. the remedies are 1st. mild negitable & animal diet. 2d. Warm bath, this is said to have been used with great success. 3d. Mercury is an alterna-

line, when the disease has got to its greatest height, 4th Strong sudorifics. 5th a Physician in the West Indies says, that inoculation for the small pox will cure it, when there fair plentiful lye should be used & volatile tinct of Gum guiac, when the disease is nearly subdued. ——

Sores on the soles of the feet.

These should be treated as Ulcers in other parts of the body, by escharotics &c. Case of a boy being cured by scrubbing in a stream of water, It is most common when they go into slavery. It is said to be contagious like the taking of snuff in a family. Chlorotic girls have the same disease. the diet is a cordial or stimulus, the remedies are the same as for hypochondriasis, but it is rarely cured. An appetite for human flesh sometimes occurs in Negroes of the West Indies. it is also a symptom of hypochondriasis & is induced by a torpor of the stomach. —

Jaw fall. Negroes are much less subject to bilious complaints than the whites, this is owing to their not taking so much animal food & their living in smoky cabbins, thereby drawing away the dampness &c which are common in their masters houses, all fevers except the bilious are harder to cure in the Blacks than in the whites. — — — —

Diseases of Old Age. —

Diseases of Old Age.—

They come on first with pains & weakness in the knees & ankles & an inability to walk, pains in the bones & joints, especially the hip joint, making the Rheumatalgia of Cullen. Catarrhus similes involuntary flow of tears, increased secretion of mucus in the nose, costiveness, inability to retain urine, dysuria from grand piles, colic, deafness imperfect vision & ruptures. It is remarkable that most of the diseases of old people are seated below the heart, this is owing to a weakness in the heart not being able to send the blood so forcibly, to the upper part of the body the remedies are 1st. heat. this begins & supports life & is the best preservation of old age, It is obtained by moving to a warm climate? the heat of the tropical sun when moving is impracticable, may be supplied by the warm bath, stove rooms, warm clothing, Old people die in bed from the want of warm clothing? a bed fellow to supply the natural heat in them. A generous diet & drink, the diet should be stimulating in proportion to the diminution of the excitement in the system, They should be allowed to eat between meals & good wine given them, Young company, Old people should spend as little time together as possible; The Cough & Rheumatism should be relieved, sometimes

there is Pneumonia Notha, for which V.S is proper. Indeed V.S is much more proper for old people than is commonly imagined, it smoothes the descent down the hill of life; when we consider the appetite of old people, the quality of food taken in & their sedentary life we cannot deny that acute diseases often occur & that V.S is often necessary. Bled an old woman of 84 twice for Pleurisy. Venereal pleasures as they debilitate the system should be very sparingly indulged at the age of 60. Costiveness should be obviated by a regular attendance at the necessary every morning, the stimulous of food afterwards in the stomach makes a counter action to that of the fæces in the intestines & destroys the inclination to stool. Deafness should be removed by the means formerly mentioned for that disease & the loss of sight by the use of spectacles. Respect should be had to clean & fine clothes to make up for beauty. Few people die of old age, some one of the diseases already mentioned, clips the last fine spun thread of life. Death in old age is brought on by a want of excitability in the moving fibres, this death is without pain.

Means of lessening the pains of death

In diseases wh. have resisted the powers of medesine. since we cannot prevent premature death in this it becomes us as Physicians to make it as easy as we can, Physicians acquire more reputation & grateful returns are made to them who ease the transit out of life than in curing the most violent diseases.

Pain is often the constant attendant of death & we must endeavour as far as we can to moderate its force or remove it altogether. Before entering on the means by which this is to be done, it is proper to settle a question started by Lord Bacon. viz. "In diseases which seemed certainly to be Mortal whether it was lawful & proper for a Physician to give such medicines as would soon kill in order to remove the sufferer from his pain" — But to this I answer by no means, the idea is not only contradictory but is the offspring of unsound Phylosophy. I object to it for the following reasons, We do not know what diseases are utterly incurable, there was a time when the venereal disease Cancer, Hydrocephalus Internus was thought to be incurable. 2d. disease does not extinguish the desire of life; patients are willing to suffer any pain & submit to any operation, when death & they are the only two alternatives We are ignorant of the line wh. seperates life from death. For these reasons first: never give medicines for pain wh. in removing it removes the patient also, nor never dispair of life as long as there is any remaining. But there are cases of death where no pain attends 1st. In diseases of the head, when the brain is prostrated, as in apoplexy Epilepsy &c. the pain which attends parturition was suspended by drunkenness & Epilepsy. The fever wh. Opium produces with other narcotics, kills without producing any degree of pain, 3d. in diseases in wh. the mind is impaired as in Yellow Fever &c.

3d. When all the excitement & Irritability is suspended. 4th. from cold & lastly in death proceeding from old age when sensibility & Irritability are exhausted. The causes of pain in the dying hours are of two kinds, viz two high or two low morbid excitement, when it is too high the remedies are 1st. abstinence, this acts like 1st in lessening sensibility, Case of a person fasting 3 days to lessen the pain of his execution Here there is no excitability left for stimulus to act on or the new ~~impressions~~ sensations overcome the painful impressions, 3th. there are not proper in diseases & pain relating to the stomach. brain & lungs. In weak or deficient morbid excitement the remedies are 1st. cordials & tonics of all kinds 2d. the appetite for food wh. occurs sometimes just before death should be indulged. The pleasures wh. the foods imparts to the organs of taste, here a weak and pleasurable sensations overcomes the most powerful disagreeable one viz. the disease & action of the stomach upon the food wh. is taken serves to direct excitement from other parts & take it to itself for the purpose of digestion. — But above all in this state of excitability Opium. — It promotes sleep & in the coma or delerium which so often attends, brings back departing reason at a time, when the use of it for an hour may be of great consequence to the patient 4th. the warm bath especially in the last stage of chronic diseases, 5th. Sweet oil rubbed upon

the body 6th lying on the back, I think, I once saw death brought on suddenly in a child by turning from her back to her side in bed. when she had strength & pulse enough to last her many hours 7th drinks should be given in a lying posture. When the feet or other parts are cold in wh way death first appears, wrap them up in flannel, apply warm bricks, bladders or bottles filled with hot water &c. & dying people should not be deserted. People die bravely, it has been said who die in company, but if they wish to be alone they should be indulged, Case of a Woman telling her daughter that she would not die while she was in the room, Musick & news papers when religion will not be attended to should be tried to ease the mind. Hope in all cases should be held up to view. The opinion of the Physician if he thinks the patient incurable should be delivered only (if at all) to the friends of the patient & they if they thinks proper may communicate it to him! Nothing should be said by any one in his presence about burying him, until sometime after the signs of life had ceased. Reason of this life lingers longer on the ears after apparent death in the body. —

The comfortable hopes of christianity should be brought in-to view & the visits of Clergimen recommended. I have

them frequently the means of removing mental anguish & bodily pain. The influence of the doctrines & comforts of Christianity may be carried of from the declarations that martyrs have made "that they felt no pain while their bodies were hanging up in the flames of fire" the Materia Medica should be taken not only from the animal, vegetable & mineral kingdoms, but from the kingdom of heaven itself. It may be said in favour of all the above remedies that they are equally proper in the treatment & cure of diseases, as in lessening the pains & horrors of a dying moment. The time will come, when instead of the practice formerly attended to, of neglecting patients, who are thought incurable, that we shall have hospitals erected for their reception. — Some Physicians you will see who will do nothing for patients in these situations, under a pretence of not tormenting them with Medicine. But this practice is foolish & inhuman, for while there is life, there is hopes. ———